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December 2, 2010

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VIA FEDERAL EXPRESS MAIL

Craig Whitenack, Civil Investigator
United States Environmental Protection Agency
Region IX, Southern California Field Office
600 Wilshire Avenue, Suite 1420
Los Angeles, California 90017

**Re : Yosemite Creek Superfund Site, San Francisco, CA
Shell Oil Company
Supplemental Response to 104 (e) Information Request**

Dear Mr. Whitenack:

This letter provides additional information in response to the October 15, 2009 request for information ("RFI") of the United States Environmental Protection Agency ("EPA") to Shell Oil Company ("Shell") with regard to the Yosemite Creek Superfund site (the "Site"). Shell received a letter dated August 24, 2010 requesting that Shell supplement its original response, dated January 14, 2010 ("Original Response"). Subject to both the general and specific objections noted in Shell's Original Response, and those noted in the responses below, and without waiving these or other available objections or privileges, Shell submits the following in response to the RFI and in accordance with telephone conversations between counsel for Shell and counsel for EPA, Michael Massey, limiting the scope of certain responses as noted below.

In responding to the RFI, and preparing this Supplemental Response, Shell has undertaken a diligent and good faith search for, and review of, documents and information in its possession, custody or control and that are relevant to this matter, or as requested, although not relevant to this matter. As discussed in more detail in Shell's Original Response, the RFI purports to seek a great deal of information that is not relevant to the Site or alleged contamination at the Site. By agreeing to provide additional information that is not directly relevant to the Yosemite Creek Superfund Site or any connection to the Bay Area Drum State Superfund Site at 1212 Thomas Avenue in San Francisco, California (the "BAD Site"), Shell does not intend to waive any of the objections to the RFI on this basis raised in its original response. Shell also does not admit that any of the additional information provided herein has any relevance to the Yosemite Creek Superfund Site.

The RFI defined "COCs" as any of the contaminants of concern at the Site and includes: lead, zinc, mercury, dichlorodiphenyltrichloroethane ("DDT"), chlordane, dieldrin, and polychlorinated biphenyls ("PCBs"). However, certain RFI requests also seek information regarding hazardous substances more broadly. These requests go beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and are not relevant to the Site pursuant to Section 104 (e) (2) (A) of CERCLA; thus Shell has limited its additional review of documents and information relating to other facilities to the COCs identified by EPA as being relevant to the Yosemite Creek Superfund Site.

As you know, the California Department of Toxic Substances Control ("DTSC") conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's investigation included an information request to Shell and the DTSC files include both Shell's initial and supplemental Responses to DTSC's information request, among other documents. We understand that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA is not in possession of these files, they are readily available to the EPA. However, Shell is providing copies of such documents that were provided to Shell in the course of its involvement with the BAD site.

If you have any questions regarding the response below, please contact our counsel, Roberta Lewis, at 713-241-7188.

Very truly yours,

A handwritten signature in black ink, appearing to read "W. E. Platt, III", with a horizontal line extending to the right.

William E. Platt, III
Sr. Manager, Environmental Claims

SUPPLEMENTAL RESPONSE

GENERAL OBJECTIONS

Shell incorporates herein by reference the general privileges, protections and objections with respect to the RFI and each information request therein from its Original Response into this Supplemental Response.

Subject to the foregoing objections and all objections stated within Shell's responses to individual requests, the following are Shell's supplemental responses to the RFI.

Shell incorporates by reference each individual response in its Original Response into each individual response in this Supplemental Response. Additions or clarifications to Shell's Original Responses are set forth in lightface type below each question, which is in bold-face type.

- 1. Describe generally the nature of the business conducted by Respondent and identify the products manufactured, formulated, or prepared by Respondent throughout its history of operations.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying each of the products manufactured by Shell is not feasible due to the scope of products and long history of the company.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

A review of available historical data indicates the following information.

Shell refineries operating in California or the surrounding states at some time during the relevant timeframe included the Wilmington Manufacturing Complex (which included both the Wilmington Refinery and the Dominguez Refinery) and the Martinez Manufacturing Complex. Products that may have been manufactured or handled at each plant include the following:

Martinez Manufacturing Complex (1915-Present) - gasoline, turbine and diesel fuel, base stocks, marine fuel oil, propane and butane, asphalts and catalysts

Wilmington Manufacturing Complex (including Wilmington Refinery, aka Carson (1923-1991) and Dominguez Refinery (1927-1991)) - three grades of gasoline, turbine fuel, diesel oil, lubricants, marine fuel oil, intermediates, petroleum coke, chemical products and solvents

Shell Chemical Plants operating in California or surrounding states at various times during the relevant timeframe included Shell Point, Pittsburgh, California; Ventura Plant, Ventura, California; Martinez Plant, Martinez, California; Dominguez Plant, Wilmington, California (later known as the Carson Plant); Torrance Plant, Torrance, California and St. Helen's Plant, St. Helen's, Oregon. Primary products that may have been manufactured or handled at each plant included the following:

Shell Point (1931-1972) – Industrial Chemicals, ammonia, catalysts, solid fertilizers

Ventura Plant (1953-1972) – Agricultural Chemicals, urea (fertilizer), ammonia

Martinez Plant (1930-Present) – Industrial Chemicals, secondary butyl alcohol, catalysts

Dominguez Plant (1936-1991) – Industrial Chemicals, acetone

Torrance Plant (1955-1971) – Polymers, butadiene

St. Helen's Plant (1965-1972) – Agricultural Chemicals, anhydrous ammonia, urea and related fertilizer products

(Note: Certain of Shell's chemical products were, from time to time, formulated, compounded, processed, toll converted or manufactured by third parties.)

Major lubricants plants (i.e. compounding locations) which existed in California or the surrounding states at some time during the relevant timeframe included Wilmington, California (dismantled and sold in 1999/2000) and Willbridge Plant, Portland, Oregon. (Shell owned and operated the Willbridge Terminal from approximately 1949-1994. The prior owner of the Willbridge Terminal was Shell Company of California, which acquired the property in 1914 from Capitol Refining Company.) Shell's lubricants plants typically manufactured, packaged and shipped a wide range of lubricating oils to customers in a variety of industries such as automotive, industrial, farm, railroad, marine and aviation.

Shell has historically maintained a broad network of distribution plants, terminals, and warehouse locations, primarily to supply gasoline to its dealers, however, in addition to fuels, some plants handled asphalt, oils, lubricants, greases and chemicals. While most plants handled only bulk products, some also handled packaged products. Distribution plants, terminals and/or warehouse locations which existed in California or the surrounding states at some time during the relevant timeframe included facilities in the following cities:

Chico, California
Martinez, California
Oakland, California
Sacramento, California
South San Francisco, California
South San Francisco Airport, San Francisco, California
Stockton, California
Bakersfield, California
Carson, California
Colton, Bloomington, California
Commerce, California
Los Angeles, California
Mission Valley, San Diego, California
Signal Hill, Long Beach, California
Ventura, California
Van Nuys, California

Fresno, California
San Francisco, California
San Jose, California
Eugene, Oregon
Sparks, Reno, Nevada
Willbridge, Portland, Oregon
Las Vegas, Nevada
Phoenix, Arizona
Tucson, Arizona

2. Provide the name (or other identifier) and address of any facilities where Respondent carried out operations between 1940 and 1988 (the “Relevant Time Period”) and that:

- a. Ever shipped drums or other containers to the BAD Site for recycling, cleaning, reuse, disposal, or sale.**
- b. Are/were located in California (excluding locations where ONLY clerical/office work was performed);**
- c. Are/were located outside of California and shipped any drums or other containers to California for recycling, cleaning, reuse, disposal, or sale (for drums and containers that were shipped to California for sale, include in your response only transactions where the drums and containers themselves were an object of the sale, not transactions where the sole object of the sale was useful product contained in a drum or other container).**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, “EPA is seeking to identify parties that have or may have contributed to contamination at the Site.” However, in addition to facilities with a connection to the BAD Site, Request No. 2 purports to also seek information regarding any facility located in California (excluding locations where ONLY clerical/office work was performed) and any facility located outside of California that shipped drums or other containers to any location in California, even to locations other than the BAD Site. These other facilities have no nexus with the BAD Site, and thus this request seeks information that is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

See Shell’s Supplemental Response to Question No. 1 for information regarding facilities where Shell carried out operations between 1940 and 1988 in California and/or surrounding states.

- a. No documentation was located through a diligent search indicating that any of the facilities identified in Shell’s Supplemental Response to Question No. 1 ever shipped drums or other containers to the BAD Site for recycling, cleaning, reuse, disposal, sale, or any other purpose.**

- b. Shell's Supplemental Response to Question No. 1 indicates facilities operated by Shell between 1940 and 1988 that were in California (excluding retail gasoline stations and offices where only clerical work was performed).
 - c. No documentation was located through a diligent search indicating that any facility outside of California (the search was limited to the immediately adjacent states of Oregon, Nevada and Arizona) shipped any drums or other containers to California for recycling, cleaning, reuse, disposal, or sale.
- 3. Provide a brief description of the nature of Respondent's operations at each Facility identified in your response to Question 2 (the "Facilities") including:**
- a. The date such operations commenced and concluded; and
 - b. The types of work performed at each location over time, including but not limited to the industrial, chemical, or institutional processes undertaken at each location.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. In particular, but without limiting the generality of the foregoing objection, Shell objects to the request in (b.) that it describe "types of work performed at each location over time..." Without identification by the EPA of the types of work it is referring to, it would be virtually impossible, given the broad nature of possible work at various facilities, to describe each and every type of work that was performed at any facility. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: See Shell's Supplemental Response to Question No. 1.

- 4. For each Facility, describe the types of records regarding the storage, production, purchasing, and use of Substances of Interest ("SOI") during the Relevant Time Period that still exist and the periods of time covered by each type of record.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome to the extent it seeks to require Shell to describe "types of records". If documents had been provided in response to this RFI, each and every document regarding SOIs would not also be "identified" by describing its contents. Shell further objects to Request No. 4 as it purports to seek information relating to hazardous

substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to COCs identified by EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to each facility's storage, production, purchasing and use of Substances of Interest ("SOI") may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

In support of Shell's position that none of the documents referenced in this request are relevant to the Yosemite Creek Superfund Site or the BAD Site, Shell provides the following information:

Shell's January 19, 1993 Response to the California Department of Toxic Substances Control's ("DTSC's") Information Request regarding Bay Area Drum stated that Shell had determined that some business relationship did exist with Myers Drum Company and Waymire Drum Company, Inc. Shell identified a number of payments to these two companies on computer vendor lists. These lists did not provide further information regarding the nature of the transactions. Employee interviews and additional documentation indicated that transactions occurred between the following:

- Shell's Martinez location and Myers Container Corp. in Oakland
- Shell's Carson Plant/Wilmington Complex and Myers Container Corp. in Los Angeles
- Shell's Willbridge Plant and Myers Container Corp. in Portland.

Shell's March 9, 1993 First Supplemental Response to the DTSC's Information Request regarding Bay Area Drum indicated that a review of records indicated that Shell purchased reconditioned or new drums from Meyers Drum facilities in Oakland, Los Angeles and Portland, Oregon and that Shell sent drums for reconditioning from Shell's Martinez Manufacturing Complex to Meyers Drum in Oakland, California. Shell did not locate any documents for shipments to or purchases from Meyers Drum in San Francisco or the BAD Site. Shell also reviewed cash payment records to Waymire Drum Company, all of which documented the purchase of open top drums from Waymire's facilities located in Los Angeles, California. Shell did not locate any documentation regarding any business relationship with Waymire's San Francisco location or the BAD Site.

On February 2, 1996, the DTSC responded to a request from Shell to send a copy of documentation in their possession regarding Shell's alleged liability. The DTSC sent the following:

- Bay Area Drum invoice, dated 4/3/85, referencing a purchase by Bay Area Drum of 40 drums from “Shell Station #4”;
- a ledger sheet referencing “Carlmont Shell”;
- excerpts from a private investigator’s interview of Jack Hamilton, a former employee and owner/operator at the BAD site who is purported to have said “Shell Oil in San Francisco had 50 drums picked up every two months” and “Shell Oil: located in San Francisco down the street from Peninsula; ‘small jobber’. Picked up 50 drums every 2 months.”

On February 21, 1996 Shell responded to the DTSC, addressing each of the items sent by the DTSC alleging Shell’s liability. First, the invoice referencing “Shell Station #4” provided no name or location; therefore, Shell was unable to provide the operational history for this facility. (Shell’s records are generally accessible by name and/or location only.) Second, the ledger referencing “Carlmont Shell” appeared to pertain to a location at 2000 Ralston Ave., Belmont, California, which was operated by an independent dealer during the relevant timeframe, and was not an operation of the Shell Oil Company per the Dealer Agreement dated March 22, 1982. Third, regarding the statements of Jack Hamilton, Shell informed the DTSC that “jobber” is a label for an independent business (basically a distributor) with no affiliation with Shell other than as a purchaser of products from Shell for subsequent resale to retail outlets, and that jobbers, like independent dealers, are independent businesses operating pursuant to their own policies and procedures. Courts have uniformly held that a franchisor oil company is not liable for waste oil disposal from franchisee operating stations, General Electric Company v. Aamco Transmissions, Inc., 962 F.2d 281 (2nd Circuit 1992) and U.S. v. Arrowhead Refining Company, 829 F.2d 1078 (D. Minnesota 1992). Shell also informed the DTSC that since the nature of a jobber’s business is to distribute petroleum fuel products, the residue of materials remaining in any drum sold for reconditioning would be excluded from the definition of a hazardous substance pursuant to federal and state law.

5. Did Respondent ever (not just during the Relevant Time Period) produce, purchase, and use, or store one of the COCs (including any substances or wastes containing the COCs) at any of the Facilities? State the factual basis for your response.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. By removing any temporal limit and any nexus between COCs at Shell’s Facilities and the BAD Site, Request No.5 purports to seek information relating to Shell’s Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

As stated previously in this supplemental response, Shell refineries operating in California or the surrounding states at some time during the relevant timeframe may have manufactured or handled such products as gasoline, turbine fuel, diesel fuel, lubricants,

base stocks, intermediates, petroleum coke, marine fuel oil, propane, butane, asphalts, catalysts, chemical products and solvents.

Shell Chemical Plants operating in California or surrounding states at some time during the relevant timeframe may have handled such products as industrial chemicals, agricultural chemicals, ammonia, catalysts, solid fertilizers, urea and related fertilizer products, secondary butyl alcohol, acetone, polymers, butadiene, and anhydrous ammonia. Dieldrin and DDT, two of the COCs found at Yosemite, were not manufactured by Shell in California and Shell has found no documentation that any of this material was ever contained in drums allegedly sent to the BAD site.

Shell's lubricants plants typically manufactured, packaged and shipped a wide range of lubricating oils to customers in a variety of industries such as automotive, industrial, farm, railroad, marine and aviation.

Shell's broad network of distribution plants, terminals, and warehouse locations supplied gasoline to its dealers, as well as handling, storing, packaging and/or distributing oils, lubricants, greases, asphalt and chemicals.

It is important to note that, certainly, not all the materials mentioned above would even have been handled, stored, packaged or distributed in 55 gallon drums that may or may not have gone to the site.

Shell's alleged liability for the BAD Site was based on documents provided by the DTSC which referenced a connection to 2 apparent service stations (one of which was found to be an independent dealer during the relevant timeframe and a "jobber" (basically a distributor) and also an independent business. The nature of a service station or a jobber's business is to market or distribute petroleum products. The residue of materials remaining in any drum sold or sent for reconditioning would, therefore, be excluded from the definition of a hazardous substance pursuant to federal and state law. (See Shell's Supplemental Response to Question No. 4).

In addition, in the course of its participation in the investigation and remediation of the BAD Site, Shell learned that BAD employees said that no PCBs were handled at the BAD Site.

Similarly, Shell Oil Company's use of the Cooper Drum Site in Los Angeles County was connected to its Carson Lubes Plant, which also handled petroleum products that are not "hazardous substances" as that term is defined in Section 101(14) of CERCLA, 42 U.S.C. Sec. 9601(14). Shell's response to the EPA's Information Request for that site also indicated that empty drums may have contained purchased additives or cleaning solution. Employees consulted in the investigation for purposes of responding to the Cooper Drum Site request indicated that these materials also would not have contained PCBs, and, due to their purpose and their formulation specifications, would have had no reason to contain any of the pesticide COCs identified in this RFI.

- 6. If the answer to Question 5 is yes, identify each COC produced, purchased, used, or stored at each Facility.**

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

- 7. If the answer to Question 5 is yes, identify the time period during which each COC was produced, purchased, used, or stored at each Facility.**

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

- 8. If the answer to Question 5 is yes, identify the average annual quantity of each COC produced, purchased, used, or stored at each Facility.**

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

- 9. If the answer to Question 5 is yes, identify the volume of each COC disposed by the Facility annually and describe the method and location of disposal.**

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

- 10. Did Respondent ever (not just during the Relevant Time Period) Produce, purchase, use, or store hydraulic oil or transformer oil at any of the Facilities? State the factual basis for your response to this question.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. By removing any temporal limit and any nexus between hydraulic oil or transformer oil at Shell's Facilities and the BAD Site, Request No. 10 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: Based on a review of records and available information, Shell may have produced, purchased, used, or stored hydraulic oil or transformer oil at a facility. However, Shell has found no documentation to indicate that any of these materials would have been previously contained in any empty drums that may have gone to the BAD Site or the Yosemite Creek Superfund Site.

- 11. If the answer to Question 10 is yes, identify each specific type of hydraulic oil and transformer oil produced, purchased, used, or stored at each Facility.**

RESPONSE:

See Shell's Supplemental Response to Request No. 10. Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to the specific type of hydraulic oil or transformer oil produced, purchased, used or stored at each facility, their quantities, volumes and methods of disposal may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

- 12. If the answer to Question 10 is yes, identify the time period during which each type of hydraulic oil and transformer oil was purchased, produced, used, or stored.**

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

- 13. If the answer to Question 10 is yes, identify the average annual quantity of each type hydraulic oil and transformer oil purchased, produced, used, or stored at each Facility.**

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

- 14. If the answer to Question 10 is yes, identify the volume of each hydraulic oil and transformer oil disposed by the Facility annually and describe the method and location of disposal.**

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

15. Provide the following information for SOI (SOIs include any substance or waste containing the SOI) identified in your responses to Questions 5 and 10:

- a. Describe briefly the purpose for which each SOI was used at the Facility. If there was more than one use, describe each use and the method and location of disposal.**
- b. Identify the supplier(s) of the SOIs and the time period during which they supplied the SOIs, and provide copies of all contracts, service orders, shipping manifests, invoices, receipts, canceled checks and other documents pertaining to the procurement of the SOI;**
- c. State whether the SOIs were delivered to the Facility in bulk or in closed containers, and describe any changes in the method of delivery over time;**
- d. Describe how, where, when, and by whom the containers used to store the SOIs (or in which the SOIs were purchased) were cleaned, removed from the Facility, and/or disposed of, and describe any changes in cleaning, removal, or disposal practices over time.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 15 purports to seek information relating to Shell's facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states.

As stated previously, Shell's March 9, 1993 First Supplemental Response to the DTSC's Information Request regarding Bay Area Drum stated that a review of records indicated that Shell purchased reconditioned or new drums from Meyers Drum facilities in Oakland, Los Angeles and Portland, Oregon and that Shell sent drums for reconditioning from Shell's Martinez Manufacturing Complex to Meyers Drum in Oakland, California. Shell did not locate any documents for shipments to or purchases from Meyers Drum in San Francisco or the BAD Site. Shell also reviewed cash payment records to Waymire Drum Company, all of which documented the purchase of open top drums from Waymire's facilities located in Los Angeles, California. Shell did not locate any documentation regarding any business relationship with Waymire's San Francisco location or the BAD Site.

Based on document reviews and interviews of knowledgeable persons, Shell's usual practice regarding drums involved the purchase of empty new or reconditioned drums which were utilized to transport motor oils, lube oils and possibly fuel or fuel

additives. To encourage customers to return drums, Shell charged a nominal deposit which was redeemable once the drums were returned. Empty drums were then retrieved from customers and sent to be reconditioned. Generally, these drums were red with a yellow top and bottom. The top may have contained a stencilled product name, batch number and the trademark Shell pecten. These drums were usually quite empty, as the customers desired to receive maximum benefit from the product they had purchased. Any residue left in the drum usually consisted of "clingage" of the lube oil product which was originally sold to the customer. The standard practice was to drain any clingage into a separate container for storage until it was sent to a recycling facility. These empty drums would have usually previously contained only unused oils or residuals from the repackaging operation, which would not have been "hazardous substances" as defined by CERCLA, 42 U.S.C. Sec. 9601(14).

The "deposit" system appears to have ceased in 1983, after which Shell typically made outright purchases of new or reconditioned drums.

16. For each SOI delivered to the Facilities in closed containers, describe the containers, including but not limited to:

- a. The type of container (e.g. 55 gal. drum, tote, etc.);**
- b. Whether the containers were new or used; and**
- c. If the containers were used, a description of the prior use of the container.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 16 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: See Shell's Supplemental Response to Question No. 15.

17. For each container the respondent used to store a SOI or in which SOIs were purchased ("Substance-Holding Containers" or "SHCs") that was later removed from the Facility, provide a complete description of where the SHCs were sent and the circumstances under which the SHCs were removed from the Facility. Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 17 as it assumes that each SHC is

somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 17 purports to seek information that does not exist.

Shell further objects to Request No. 17 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to COCs identified by EPA.

Additionally, as stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 17 purports to seek information regarding SHCs that were sent to sites other than the BAD Site. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

See Shell's Supplemental Responses to Requests No. 2 and 15. Shell has found no documents or information indicating that any COCs identified by EPA for the Yosemite Creek Site were sent in containers to the BAD Site. Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

- 18. For each SHC that was removed from the Facility, describe Respondent's contracts, agreements, or other arrangements under which SHCs were removed from the Facility, and identify all parties to each contract, agreement, or other arrangement described. Distinguish between the Relevant Time Period and the time period since 1988.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 18 purports to seek information regarding SHCs that were sent to sites other than the BAD Site. To the

extent the EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Responses to Questions No. 2 and 18.

- 19. For each SHC, provide a complete explanation regarding the ownership of the SHC prior to delivery, while onsite, and after it was removed from the Facility. Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 19 as it assumes that each SHC is somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 19 purports to seek information that does not exist. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 19 purports to seek information regarding SHCs that were sent to sites other than the BAD Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

See Shell's Supplemental Responses to Requests No. 2 and 15. Shell has found no documents or information indicating that any COCs identified by EPA for the Yosemite Creek Site were sent in containers to the BAD Site. Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

- 20. Identify all individuals who currently have, and those who have had, responsibility for procurement of Materials at the Facilities. Also provide each individual's job title, duties, dates performing those duties, current position or the date of the individual's resignation, and the nature of the information possessed by each individual concerning Respondent's procurement of Materials.**

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 20 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site. Shell further objects to Request No. 20 as it purports to seek information regarding procurement of "Materials " at facilities other than the BAD site and thus goes beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Pursuant to telephone discussions with Counsel for EPA, due to the breadth of this request, we are not required to supplement this answer at this time.

21. Describe how each type of waste containing any SOIs was collected and stored at the Facilities prior to disposal/recycling/sale/transport, including:

- a. The type of container in which each type of waste was placed/stored;**
- b. How frequently each type of waste was removed from the Facility;**

Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 21 purports to seek information regarding collection and storage of "any SOIs" at facilities other than the BAD Site. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Pursuant to telephone discussions with Counsel for EPA, due to the breadth of this request, we are not required to supplement this answer at this time.

22. Describe the containers used to remove each type of waste containing any SOIs from the Facilities, including but not limited to:

- a. The type of container (e.g. 55 gal. drum, dumpster, etc.);**
- b. The colors of the containers;**
- c. Any distinctive stripes or other markings on those containers;**

- d. Any labels or writing on those containers (including the content of those labels);**
- e. Whether those containers were new or used; and**
- f. If those containers were used, a description of the prior use of the container;**

Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 22 as it assumes that each SHC is somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 22 purports to seek information that does not exist.

As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." Moreover, the RFI defined "COCs" as "any of contaminants of concern" at the Site and includes: lead, zinc, mercury, DDT, chlordane, dieldrin, and PCBs. Shell further objects to Request No. 22 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs identified by EPA. Additionally, Shell objects to Request No. 22 as it purports to seek information regarding containers used to remove each type of waste containing any SOIs from the Facilities and taken to any other place during any time. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

Documents provided in Attachment A provide information regarding disposal practices of Shell facilities. Although some waste was occasionally disposed of in drums, we have none of the specific information requested by Question No. 22 for the relevant time period. In addition, no information has been located indicating that waste in drums was disposed of by Shell at the BAD Site or the Yosemite Creek Superfund Site. In addition, see Shell's Supplemental Response to Request No. 15. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

23. For each type of waste generated at the Facilities that contained any of the SOIs, describe Respondent's contracts, agreements, or other arrangements for its disposal, treatment, or recycling and identify all parties to each contract, agreement, or other arrangement described. State the ownership of waste containers as specified under each contract, agreement, or other arrangement described and the ultimate destination or use for such containers. Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." Moreover, the RFI defined "COCs" as "any of the contaminants of concern at the Site and includes: lead, zinc, mercury, DDT, chlordane, dieldrin, and PCBs. Shell further objects to Request No. 23 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to the COCs identified by EPA. Additionally, Shell objects to Request No.23 as it purports to seek information regarding waste generated at any Facilities that contained any SOIs and taken to any other place during any time. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 22. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

24. Identify all individuals who currently have, and those who have had, responsibility for Respondent's environmental matters (including responsibility for the disposal, treatment, storage, recycling, or sale of Respondent's wastes and SHCs). Provide the job title, duties, dates performing those duties, supervisors for those duties, current position or the date of the individual's resignation, and the nature of the information possessed by such individuals concerning Respondent's waste management.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying all individuals who currently have, and those who have had, responsibility for Shell's environmental matters at all of Shell's Facilities, including those that have no nexus to the BAD Site, is not feasible due to the long history of existence/operations and number of Shell's locations.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 2.

A review of files indicates that the following former Shell employees assisted with Shell's Responses to the DTSC's Information Request regarding the BAD Site:

- R. L. Gemeinhardt, Hazardous Waste Coordinator, WDA
- Marve Knoll, Waste Site Coordinator
- Cliff Keiner, Environmental Conservation
- James Lake, Hazardous Waste Engineer

A review of files indicates that the following current/former Shell employees assisted or were consulted in connection with Shell's Responses to the EPA's Information Request regarding the Cooper Drum Site.

- Robert B Voelker, Head Office Packaging Container Buyer
- E. D. Moulder, Team Leader – Integration
- Joe Phillips, Product Steward
- David Soza, HSSE Specialist
- Russ Underwood, Operator
- Joe Blumenthal, Chemist
- Dave Kelso, Distribution Rep
- Thomas Jackson, Environmental Coordinator
- Mark Himerger, Principal Program Manager

Current or former employees, to the extent that current contact information is available, can be contacted through Shell Oil Company's Counsel, Roberta S. Lewis, 713-241-7188.

25. Did Respondent ever purchase drums or other containers from a drum recycler or drum reconditioner? If yes, identify the entities or individuals from which Respondent acquired such drums or containers.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying all drum recyclers or drum reconditioners from which Shell has ever acquired such drums or containers is not feasible due to the long history of existence/operations and the number of Shell's locations. Moreover, identifying all such drum recyclers or drum reconditioners is not relevant to identifying the nature or quantity of materials which have been transported to the BAD Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 2.

26. Prior to 1988, did Respondent always keep its waste streams that contained SOIs separate from its other waste streams?

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 26 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs identified by EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

Shell's review of documents and information for this Supplemental Response did not locate any information responsive to this question. Since this question deals with circumstances and matters which occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. We reserve the right to supplement this response should information become available.

27. Identify all removal and remedial actions conducted pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 et seq., or comparable state law; all corrective actions conducted pursuant to the Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq.; and all cleanups conducted pursuant to the Toxic Substances Control Act, 15 U.S.C § 2601 et seq. where (a) one of the COCs was addressed by the cleanup and (b) at which Respondent paid a portion of cleanup costs or performed work. Provide copies of all correspondence between Respondent and any federal or state government agency that (a) identifies a COC and (b) is related to one of the above-mentioned sites.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 27 purports to seek information regarding a broad range of removal and remedial actions, corrective actions and cleanups. Moreover, identifying all such removal and remedial actions is not feasible due to the long history of existence/operations and the number of Shell's locations. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site. Shell further objects to Request No. 27 to the extent that EPA is already in possession of the requested documents, and to the extent that EPA is not in possession of these files, they are readily available to EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

A review of Shell's legal files indicates that, over the years, Shell has had some kind of interaction regarding approximately 347 waste sites located all across the United States. Approximately 62 of these sites are located in California. This interaction ranges from a simple inquiry regarding Shell's alleged use of a site all the way to Shell's involvement in a settlement action and/or remedial or removal actions. Identifying all such removal and remedial actions and further specifying those that involved an identified COC is not feasible due to the number of waste sites involved, the long history of existence/operations and the number of Shell's locations. In addition, this information is not relevant to the Yosemite Creek Superfund Site or the BAD Site.

Pursuant to conversations with Counsel for EPA, we are not required to provide the information requested by the last sentence of Request No. 27.

28. Provide all records of communication between Respondent and Bay Area Drum Company, Inc.; Meyers Drum Company; A.W. Sorich Bucket and Drum Company;

Waymire Drum and Barrel Company, Inc.; Bedini Barrels Inc.; Bedini Steel Drum Corp.; Bedini Drum; or any other person or entity that owned or operated the facility located at 1212 Thomas Avenue, in the City and County of San Francisco, California.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. DTSC conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's files include extensive records concerning the Bay Area Drum Company, Inc. and other persons and entities that owned or operated the facility located at 1212 Thomas Avenue, in the City and County of San Francisco, California. Shell understands that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA is not in possession of these files, they are readily available to EPA.

Shell has no additional information for this Question at this time.

29. Identify the time periods regarding which Respondent does not have any records regarding the SOIs that were produced, purchased, used or stored at the Facilities.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. In responding to the RFI, Shell has undertaken a diligent and good faith search for, and review of, documents and information in its possession, custody or control and that are relevant to this matter. Moreover, Shell understands that EPA is already in possession of DTSC's files regarding the BAD Site. Shell is under no further obligation to identify time periods to which these documents do not pertain.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

In addition to reviewing files regarding Shell's efforts to respond to the DTSC's Information Request regarding the BAD Site, Shell reviewed files regarding its efforts to respond to an EPA Information Request regarding the Cooper Drum Site. Cooper Drum, located in Los Angeles County, California was a drum recycler which was apparently used by Shell's Wilmington (a.k.a. Carson) Lubes Plant, therefore documents and interviews of knowledgeable employees were reviewed for any information which might be relevant in answering this Information Request.

A collection of historical information regarding all of Shell's facilities over the years was also reviewed in order to assist in providing beginning/ending dates, locations and products related to specific facilities in California and the surrounding states.

Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to each facility's storage, production, purchasing and use of Substances of Interest ("SOI") may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

30. Provide copies of all documents containing information responsive to the previous twenty-nine questions and identify the questions to which each document is responsive.

RESPONSE:

Shell objects to Request No. 30 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs identified by EPA. Shell further objects to Request No. 30 as it purports to seek copies of documents containing information responsive to the previous twenty-nine questions. DTSC conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's investigation included an information request to Shell and the DTSC files include both Shell's initial and supplemental Responses to DTSC's information request, among other documents. We understand that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA is not in possession of these files they are readily available to EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Additional documents provided with this Supplemental Response are attached hereto in Attachment A.

ATTACHMENT A

2/2/96
DANIEL E. LUNGREN
Attorney General

State of California
DEPARTMENT OF JUSTICE



2101 WEBSTER STREET, 12th FLOOR
OAKLAND, CA 94612
(510) 286-4200

FACSIMILE: (510) 286-4020
(510) 286-4123

February 2, 1996

FD 0 5 96

Thomas W. Kearns, Esq.
Shell Oil Company
One Shell Plaza
PO Box 2463
Houston, TX 77252

RE: 1212 Thomas Avenue, San Francisco and Environs
(Bay Area Drum Site)

Dear Mr. Kearns:

Enclosed pursuant to your request please find documents
pertaining to Shell Oil Company's past involvement with the
above-referenced Site.

Sincerely,

DANIEL E. LUNGREN
Attorney General

A handwritten signature in dark ink, appearing to read "Kevin James", is written over the typed name.

KEVIN JAMES
Deputy Attorney General

KJ:pam

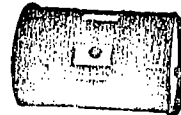
Enclosures

C:\KEVIN\BAD9.LTR

Confidential

RECEIVING TICKET

BAY AREA DRUM CO. Inc.



Drums Bought, Sold and Reconditioned

1212 THOMAS AVENUE SAN FRANCISCO, CA 94124 PHONE: (415) 822-391

☒ PURCHASED ☐ INVENTORY

Date 4/3/85

No 38

Received from Shell Station #4

Address _____

Acct. of: _____

QUANTITY	DESCRIPTION
40	55 GAL. # 1 OIL TOP BUNG #1 2.50
	55 GAL. # 2 OIL TOP BUNG 18ga
	55 GAL. DEHEADERS SHORT
	55 GAL. DEHEADERS TALL CR#0763
	55 GAL. JUNKERS
	55 GAL. F.O.T. L.L. TALL Rd. 4/4/85
	55 GAL. F.O.T. L.L. SHORT m.d
	55 GAL. F.O.T. 17H
	55 GAL. F.O.T. BOLT TALL
	55 GAL. F.O.T. BOLT SHORT
	55 GAL. F.O.T. ADG.
	30 GAL. OIL # 1
	30 GAL. OIL DEHEADERS
	30 GAL. F.O.T. BOLT
	30 GAL. F.O.T. L.L.
	TOTAL
	PER <u>Mary Davis</u>

*all station
don't go by
those kinds
of #s.*

007915

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

Case Number: 11293/012/38Date Rec'd Complaint: 01/14/92

EPA Number: _____

Hauler Reg. Number: _____

Date this Report: 07/17/92

REPORT OF INVESTIGATION

Subject: Bay Area DrumAddress: 1212 Thomas Avenue, San Francisco, CA 94124.Allegation: PRP Search.

Findings/Disposition: _____

Recommendations: _____

Case Closed: X Supplemental: X Other: _____Case sent to: City Atty.: _____ D.A.: _____ A.G.: _____ Other: Barbara
Cook, Chief
Site Mitigation Br. *MB*SUMMARY:

On July 1, 1992, at approximately 1205 hours Staff Services Analyst (SSA) Monica Gan and I met with Jack Hamilton, former employee and owner operator at B.A.D., Steve Henshaw, Senior Product Manager in Charge of the environmental section of Romic Chemical, and Nic Smith, a private investigator with Nicholls Investigative Agency. Smith has been retained by a core group of PRP's who are represented by Heller, Ehrman, a San Francisco Law Firm. The meeting took place in the second floor conference room, Department of Toxic Substances Control, Region 2.

The meeting had been arranged by Henshaw and was originally to have included David Cannon, also a former owner/operator at the site. The question of Cannon's representation was raised again, and despite a letter from an attorney indicating she did not represent Cannon; and Cannon's apparent desire to give a statement, it was determined that Cannon would not be present at this meeting.

William Motmans 7/17/92
William Motmans
Special Investigator
Michael B. Berriesford 7/24/92
Michael B. Berriesford
Supervising Investigator

Hamilton broke down his customers for the so called "Bedini period" from 1958 until 1965. Hamilton stated the number one customer for that

Shell Oil in San Francisco had 50 drums picked up every two months.

Shell Oil: located in San Francisco down the street from Peninsula; "small jobber". Picked up 50 drums every 2 months.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2

700 HEINZ AVE., SUITE 200

BERKELEY, CA 94710-2737



October 5, 1995

Mr. Jack Hamilton
728 Hemlock Avenue
South San Francisco, CA 94080

Dear Jack:

BAY AREA DRUM SITE CUSTOMER INTERVIEW TRANSCRIPTS

Thank you for the information you provided me last week regarding customers that sent drums to the Bay Area Drum site. Per our conversation last week, I am sending you our interview transcripts for your review. Please feel free to delete incorrect information, or to add any details that were left out. I can be reached at (510) 540-3767 if you have any questions. Thanks again for your help.

Sincerely,

A handwritten signature in cursive script that reads 'Monica Gan'.

Monica Gan
Assoc. Gov. Program Analyst

cc: Barbara Cook, P.E., Chief
Site Mitigation Branch

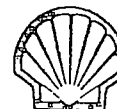
Enclosure



SHELL OIL: Small jobber, maybe 50 drums every 2 months between 1958 & 1965. Mostly bought their empties. Their place closed down in the '70s. *True*

Shell Oil Company • Shell Chemical Company

A Division of Shell Oil Company



Wilmington Manufacturing Complex
P.O. Box 6249
Carson, California 90749

Telephone: (213) 835-5611

June 12, 1981

California Department of
Health Services
ATTN Mr. Mark White
714/744 "P" Street
Sacramento, CA 95814

Gentlemen:

We have your letters of February 27, 1981, and May 14, 1981, to our Wilmington Manufacturing Complex and to our Corporate Office in Houston, respectively. These requested information on past waste disposal practices at the Torrance, California, Rubber Plant and at our Wilmington Manufacturing Complex in Carson, California. A response for the Rubber Plant has been provided in a letter of June 5, 1981, from Mr. T. R. Williams in our Houston Corporate Office. Our response for the Wilmington Manufacturing Complex is provided herewith.

Investigation of past waste disposal practices was undertaken to respond to your inquiry, as well as to other government agencies. Some of the information provided here has been excerpted from the following responses to these other government agencies:

1. June 29, 1979 - Letter and completed questionnaire to the Honorable Bob Eckhardt, House of Representatives, Washington, D.C. 20515, subject, "Committee on Oversight and Investigations Waste Disposal Survey".
2. November 18, 1980 - Letter and Part A of Hazardous Waste Permit Application for Wilmington Manufacturing Complex (CAD-06676123) to Permits Branch (E-4), Environmental Protection Agency, Region IX, San Francisco.
3. June 3, 1981 - Letter and Notification of Hazardous Waste Sites in accordance with requirements of Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 to United States Government, Environmental Protection Agency, Region IX, Sites Notification, San Francisco.

Some excerpts from these have been provided in response to your inquiry.

ENVIRONMENTAL CONSERVATION - OPERATIONS	
JUN 15 '81	
TECH FILES	
TRV	JAE
DWR	JAM
CAD	RJT
DI	RJO
JPF	AGS
	BJD
	FILE
ACTION	
DUE	

*Please
File
HS DES
RJD*

RECEIVED
H.S. & E
INFORMATION SERVICES

RECEIVED
H.S. & E SUPPORT
INFORMATION SERVICES

MAR 8 11 49 AM '81

ALL INFORMATION
NOT RETAINED
BY US&E - IS
PLEASE RETURN
IF YOU WISH RETAINED

Regarding the Chemical Plant on the premises of the Wilmington Manufacturing Complex at 20945 South Wilmington Avenue, Carson, your questions and our responses thereto are as follows:

1. When was the plant built?

The Chemical Plant was built and first placed in operation in 1936.

2. What products have been manufactured at the site from its construction to present operation?

This plant produced isopropyl and secondary butyl alcohols and other oxygenated solvents derived from them. Secondary butyl alcohol is no longer produced at this facility.

3. What wastes and what quantities of these wastes have been produced at the Chemical Plant from its construction until the present?

Typical wastes produced consisted of acid sludges (67% H_2SO_4) - prior to 1969, spent absorption carbon, spent lime/soda catalyst and tank bottoms consisting of calcium, magnesium, and iron oxides plus oily emulsions. We have reported in Reference (1), above, that, during the period 1950 to 1978, 3,300 tons were disposed of off-site. The relatively small quantities disposed of on-site consisted of spent absorption carbon and spent lime/soda catalyst. Location of disposal sites is shown in Attachment 1 from Reference (2). Off-site disposal locations are included in Reference (3) and are here enclosed as Attachment 2.

4. Were there, or are there now, any pits, ponds, lagoons, or sumps at the Chemical Plant?

There were such facilities in the past. There is presently one lined pond for process water retention prior to delivery to the L.A. County Sanitation Districts' sewer.

- a. Were they lined?
- b. Where were they located?
- c. What did/do they contain?

The attached drawing (Attachment 1) is a drawing from Reference (2) indicating several past disposal sites in the Dominguez section of our Wilmington Manufacturing Complex. One addition has been made since supplying this with Reference (2). An area on the east side of the property was reportedly used for disposal of spent absorption carbon and some spent lime soda catalyst from the Chemical Plant.

The following are replies to your questions regarding the Shell Manufacturing Complex on Dominguez Street from your letter of May 14, 1981.

6. Did waste disposal occur onto the property corresponding to the address 21200 South Vera Street?

In our investigation we have found no records which indicate that wastes were disposed of onto the above property.

7. Have wastes from the Chemical Plant every been disposed of on Shell property? If so, what type wastes and quantities? Where did disposal occur?

See response to question 3 above.

8. Were refinery wastes disposed of or stored in unlined sumps or evaporated at this facility?

The general nature of the wastes disposed of by such means are described in the Attachment 1 from Reference (2). So far as we are aware, no hazardous wastes from the Wilmington Manufacturing Complex were disposed of on property formerly, but no longer, owned or controlled by Shell.

Please advise us of any further information you may require.

Very truly yours,

ORIGINAL SIGNED BY:

R. A. O'HARE

R. A. O'Hare - Environmental
Conservation Manager

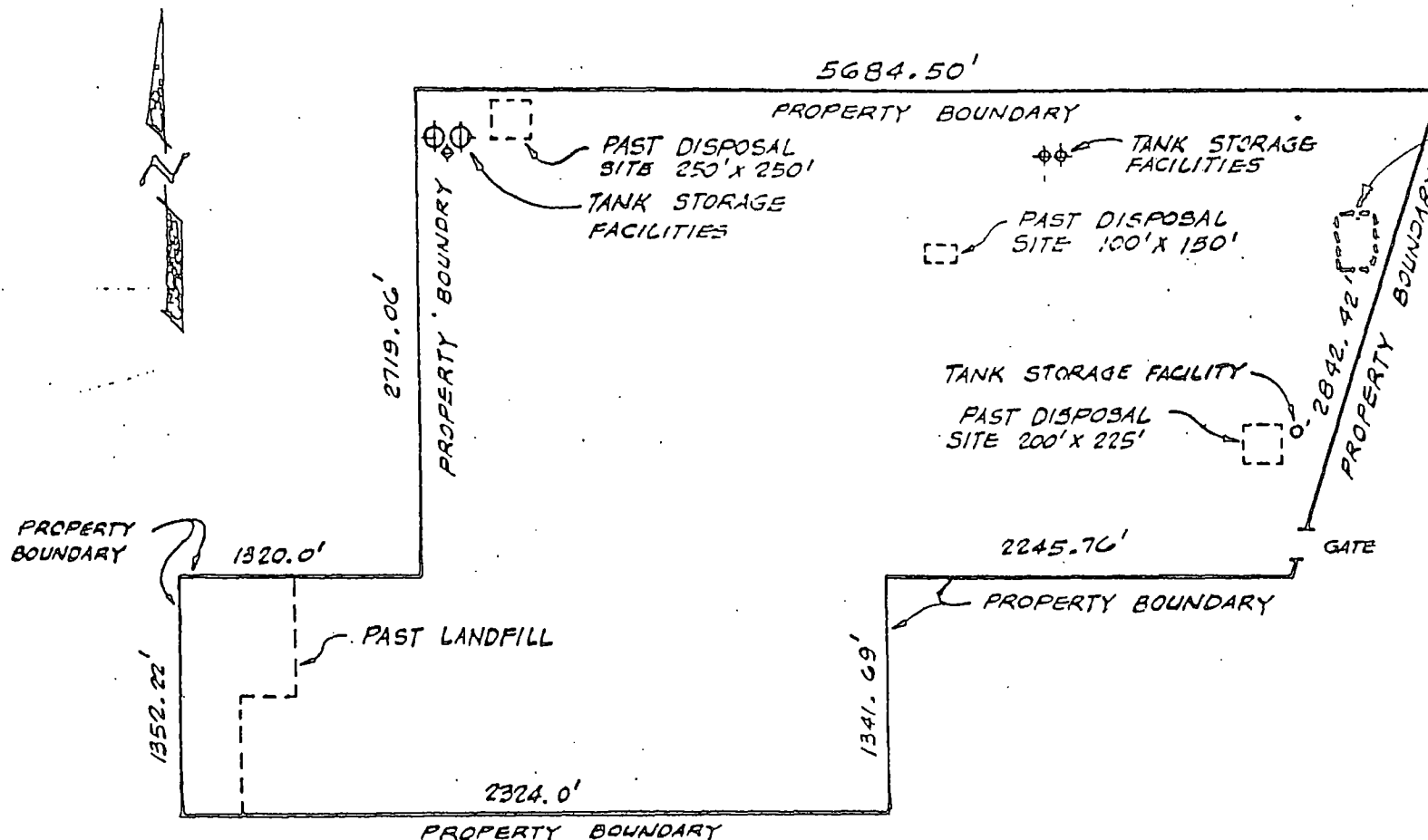
ROH:je

bc: Head Office
Oprns. - Env. Cons. - Mgr. ✓
Legal - K. Phillips
Pub. Aff. P&I-Oil Pr-PR Mgr. Oprns
Env. Affairs - HS&E Env. Affairs - Mgr.

Anaheim Administrative Office
Legal - B. G. Warren

Latham and Watkins
Dave Mulliken - San Diego
B. Danner - L.A.

TEI/JWA - WHB/EMM - CCG/JDJ - ROH - E/C File 3.9

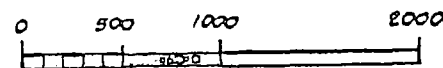


PAST SHELL CHEM.
DISPOSAL OF
SPENT ABSORPTION
CARBON AND
SPENT SODA/
LIME CATALYST.

OILY WASTES WERE LANDSPREAD IN UNIDENTIFIED
AREAS OF THE REFINERY IN THE PAST.

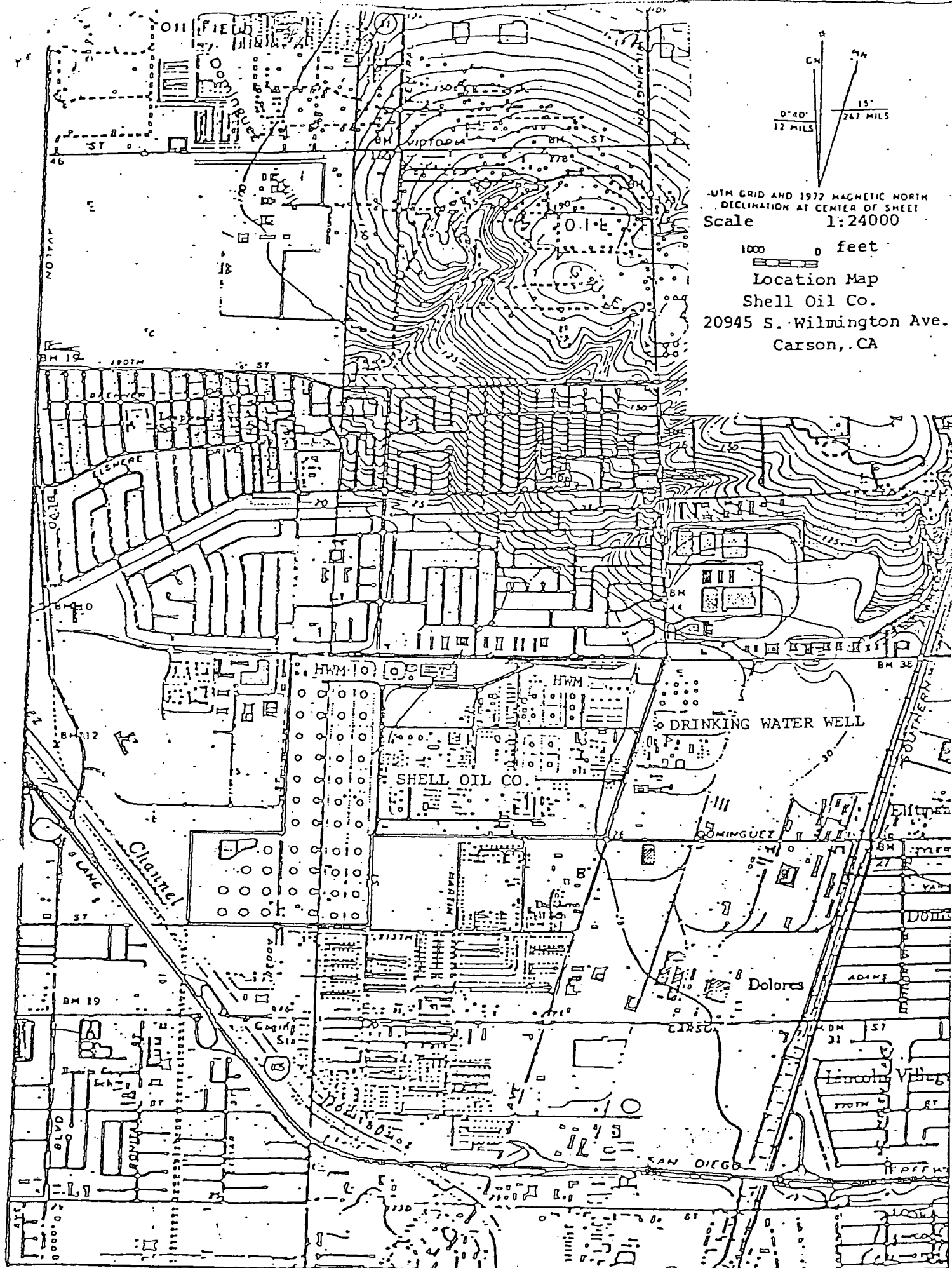
SHELL OIL CO.

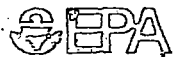
20945 S. WILMINGTON AVE.
CARSON, CA.



SCALE: 1" = 1000'

ATTACHMENT 1





Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

ATTACHMENT 2

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Shell Oil Company

Street 20945 S. Wilmington Ave

City Carson County L.A. State CA Zip Code 90745

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835 5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1927 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☒ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petrochemical Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Notification of Hazardous Waste Site

Side Two

Site

F. Waste Quantity:

Facility Type

Total ~~Waste~~ Waste Amount

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☒ Land Treatment
3. ☒ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

cubic feet Unknown

gallons _____

Total Facility Area

square foot Unknown

acres _____

G. Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H. Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See attachment

I. Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

J. Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, ManagerStreet Same as Item A

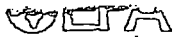
City _____

State _____

Zip Code _____

Signature TE InnocenziDate 6/4/81

- ☒ Owner, Present
☐ Owner, Past
☐ Transporter
☒ Operator, Present
☐ Operator, Past
☐ Other



NOTIFICATION OF HAZARDOUS WASTE SITE

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil CompanyStreet P.O. Box 6249City CarsonState CAZip Code 90749**B Site Location:**

Enter the common name (if known) and actual location of the site.

Name of Site McColl Dumpsite

Street _____

City FullertonCounty OrangeState CA

Zip Code _____

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.Phone (213) 835-5611**D Dates of Waste Handling:**

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year)

1942

To (Year)

1946

Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

F **Waste Quantity:**
Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type
1. ☐ Piles
2. ☐ Land Treatment
3. ☒ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amount

cubic feet Unknown

gallons _____

Total Facility Area

square feet Unknown

acres _____

G **Known, Suspected or Likely Releases to the Environment:**

Place an X in the appropriate boxes to indicate any known, suspected, Did I know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H **Sketch Map of Site Location: (Optional)**

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I **Description of Site: (Optional)**

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J **Signature and Title:**

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENZI, Manager

Street Same as A

City _____

State _____

Zip Code _____

Signature TE Innocenzi

Date 6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Enter the name and address of the person
or organization required to notify.

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

Enter the common name (if known) and actual location of the site.

Name of Site Elkins Ranch

Street P.O. Box 695

City Fillmore

County

State CA

Zip Code

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Exec. Cons. Mgr.

Phone (213) 835-5611

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year)

1968

To Year:

1971

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

Source of Waste:
Place an X in the appropriate boxes.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify) _____

Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

[illegible][illegible]

F Waste Quantity:
Place an X in the appropriate boxes to indicate the facility types found at the site.
In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot

gallons 890 190

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Did I know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. IMMOCEARI, Manager

Street Same as A

City

State

Zip Code

Signature

TE Immoceari

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil CompanyStreet P.O. Box 6249City CarsonState CA Zip Code 90749

B

Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site TCL DumpStreet 420 Henry Ford AvenueCity Wilmington County LA State CA Zip Code

C

Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.Phone (213) 835-5611

D

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1969**E Waste Type: Choose the option you prefer to complete**

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☒ Organics
- 2. ☒ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☒ Unknown
- 11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot

gallons 182,826

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ~~and likely~~ ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. IMMOBILI, Manager

Street Same as A

City _____ State _____ Zip Code _____

Signature TE Immobili

Date 6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Place type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Southwest Conservation

Street 20201 S. Main Street

City Carson

County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1968 To (Year) 1968

F Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot

Gallons 1,377,600

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Admitted ☒ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T.E. INNOCENTI, Manager

Street Sigma 95 A

City

State

Zip Code

Signature

TE Innocenti

Date

6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Cherokee
Street 1622 W. 16th Street
City Long Beach County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1978 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining Waste

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons

72 240

Total Facility Area

square feet

acres

Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Did I know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENTI, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenti

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Fix and Brain
Street 233 East D Street
City Wilmington County LA State CA Zip Code 90744

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1968 To (Year) 1968

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☐ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☒ Unknown
- 11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

or ~~regional~~ ~~facility~~.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

FACILITY TYPE

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

TOTAL FACILITY WASTE AMOUNT

cubic foot

gallons 12,000

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Did Not Know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENTI, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenti

Date

6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Crosby and Overton
Street 1620 W. 16th Street
City Long Beach County LA State CA Zip Code 90813

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1976 To (Year) 1977

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic foot

Gallons 63,420

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Did I know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENTI, Manager

Street Same as A

City _____ State _____ Zip Code _____

Signature TE Innocenti Date 6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Ascon Landfill

Street 1605 Alameda Avenue

City Wilmington County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1974 To (Year) 1974

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

F Waste Quantity:
Place an X in the appropriate boxes to indicate the facility types found at the site.
In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type:
1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount
cubic feet
gallons 79 800
Total Facility Area
square feet
acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ~~by DOD & EPCRA~~ ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENZI, Manager

Street Same as A

City _____ State _____ Zip Code _____

Signature TE Innocenzi Date 6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Place type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Palos Verdes

Street 26301 S. Crenshaw Blvd.

City Palos Verdes County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1967 To (Year) 1980

* Waste to Palos Verdes Landfills No. 1, No. 5, and Acid Pit

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☒ Solvents
4. ☐ Pesticides
5. ☒ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

F. Waste Quantity:
Place an X in the appropriate boxes to indicate the facility types found at the site.
In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot

gallons 12,471,415

Total Facility Area

square foot

acres Unknown

G. Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Did X know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H. Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I. Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J. Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENTI, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenti

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Basin By-Products
Street 930 Lawrence Avenue
City Wilmington County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1973

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Gallons 116,980

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. INNOCENTI, Manager

Street Same as A

City

State

Zip Code

Signature TE Innocenti

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other



NOTIFICATION OF HAZARDOUS WASTE SITE

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil CompanyStreet P.O. Box 6249City CarsonState CAZip Code 90749**B Site Location:**

Enter the common name (if known) and actual location of the site

Name of Site BKK CompanyStreet 2210 S. AzusaCity West CovinaCounty LAState CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hara, Richard; Envir. Cons. MgrPhone (213) 835-5611**D Dates of Waste Handling:**

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1964 To (Year) 1980**Waste Type: Choose the option you prefer to complete**

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☒ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

F. Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic feet

gallons 5,115,674

Total Facility Area

square feet

acres Unknown

G. Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H. Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I. Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J. Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenzi

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other



Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site California Salvage
Street P.O. Box 1265
City Wilmington County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1976

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining
Operations

Option 2: This option is available to persons familiar with Resource Conservation and Recovery Act (RCRA) Section 3 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the waste is located.

or waste quantity.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot

gallons 869,490

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't Know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenzi

Date

6/4/82

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other



NOTIFICATION OF Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil CompanyStreet P.O. Box 6249City CarsonState CAZip Code 90749**B Site Location:**

Enter the common name (if known) and actual location of the site.

Name of Site LA County Calabasas LandfillStreet 26919 Ventura BlvdCity AgouraCounty LAState CAZip Code 91301**C Person to Contact:**

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. MgrPhone (213) 835-5611**D Dates of Waste Handling:**

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year)

1971

To (Year)

1976**F Waste Type: Choose the option you prefer to complete**

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☐ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

F Waste Quantity: Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1. <input type="checkbox"/> Piles 2. <input type="checkbox"/> Land Treatment 3. <input type="checkbox"/> Landfill 4. <input type="checkbox"/> Tanks 5. <input type="checkbox"/> Impoundment 6. <input type="checkbox"/> Underground Injection 7. <input type="checkbox"/> Drums, Above Ground 8. <input type="checkbox"/> Drums, Below Ground 9. <input checked="" type="checkbox"/> Other (Specify) <u>Unknown</u>	Total Facility Waste Amount cubic foot _____ gallons <u>117 757</u> Total Facility Area square foot _____ acres <u>Unknown</u>
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G Known, Suspected or Likely Releases to the Environment:
 Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)
 Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)
 Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:
 The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name <u>T.E. Innocenzi, Manager</u>	<input type="checkbox"/> Owner, Present
Street <u>Same as A</u>	<input type="checkbox"/> Owner, Past
City _____ State _____ Zip Code _____	<input type="checkbox"/> Transporter
Signature <u>TE Innocenzi</u> Date <u>6/4/81</u>	<input type="checkbox"/> Operator, Present
	<input type="checkbox"/> Operator, Past
	<input checked="" type="checkbox"/> Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Nu-Way Landfill
Street 400 Live Oak
City Inwindale County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr
Phone (213) 835-5611

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1980 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☐ Organics
- 2. ☒ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☐ Unknown
- 11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)
Petroleum Refining
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 30 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic foot 5090

gallons

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T.E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature

T.E. Innocenzi

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Operating Industries

Street 900 Portrero Grande Dr

City Monterey Park County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr

Phone (213) 835-5611

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1975

To (Year) 1978

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining
Operation

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 30X regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic feet

gallons 141,960

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T.E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenzi

Date

6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Routh
Street P.O. Box 576
City Wilmington County LA State CA Zip Code 90749

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1980 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 301 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic foot

liters 8400

Total Facility Area

square foot

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ No or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T.E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature

TE Innocenzi

Date

6/1/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

Shell Oil Company • Shell Chemical Company

A Division of Shell Oil Company



Wilmington Manufacturing Complex
P. O. Box 6249
Carson, California 90749

Telephone (213) 835-5611

June 3, 1981

United States Government
Environmental Protection Agency
Region IX
Sites Notification
San Francisco, CA 94105

Gentlemen:

SUBJECT: NOTIFICATIONS OF HAZARDOUS WASTE SITES

In accordance with requirements of Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, we have enclosed applicable Notifications of Hazardous Waste Sites.

Very truly yours,
Original Signed By
J. E. INNOCENZI

T. E. Innocenzi, Manager
Wilmington Manufacturing Complex

CCG:vk

Encl.

cc: Latham & Watkins

Head Office
Ops - Env Cons Mgr

TEI/JWA/WHB
ROH

JHU
CCG (w/a) /
E/C File 3.9 (w/a)

EPA Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Shell Oil Company
Street 20945 S. Wilmington Ave
City Carson County L.A. State CA Zip Code 90745

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr
Phone (313) 835 5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1927 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☒ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Sources of Waste:
Place an X in the appropriate boxes

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Petrochemical Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 8, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site McColl Dumpsite
Street _____
City Fullerton County Orange State CA Zip Code _____

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1942 To (Year) 1946

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☒ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☒ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☐ Unknown
- 11. ☐ Other (Specify) _____

Source of Waste:
Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify) _____

Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 8, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Elkins Ranch
Street P.O. Box 695
City Fillmore County _____ State CA Zip Code _____

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envr. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1971

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste.

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Southwest Conservation
Street 20201 S. Main Street
City Carson County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hara, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1968

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste.

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 1,377,600

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, As Yet Known ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature TE Innocenzi

Date 2/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site

Name of Site Cherokee
Street 1622 W. 16th Street
City Long Beach County LA State CA Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Exec. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1978 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Petroleum Refining
Waste

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 72 240

Total Facility Area

square feet

acres Unknown

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, ManagerStreet Sama 92 A

City

State

Zip Code

Signature TE Innocenzi

Date

1/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Fix and Brain
Street 233 East D Street
City Wilmington County LA State CA Zip Code 90744

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1968 To (Year) 1968

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☐ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☒ Unknown
- 11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)
Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 12,600

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ~~or likely~~ releases of wastes to the environment. ☒ ~~Don't know~~ ☐ Known ☐ Suspected ☐ Likely ☐ None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, ManagerStreet Same as A

City

State

Zip Code

Signature TE Innocenzi

Date

6/4/87

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Cresby and Overton
Street 1620 W. 16th Street
City Long Beach County LA State CA Zip Code 90813

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1976 To (Year) 1977

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☒ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☒ Unknown
- 11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)

Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 63,420

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, Does Not Know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T.E. Innocenzi, ManagerStreet Santa Rosa A

City

State

Zip Code

Signature TE InnocenziDate 6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Ascon Landfill

Street 1605 Alameda Avenue

City Wilmington County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1974 To (Year) 1974

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Petroleum Refinery Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 79 800

Total Facility Area

square feet

acres Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, As I know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager

Street Same as A

City

State

Zip Code

Signature TE Innocenzi

Date 6/4/81

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Palos Verdes

Street 26301 S. Crenshaw Blvd.

City Palos Verdes County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling: *

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site

From (Year) 1967 To (Year) 1980

* Waste to Palos Verdes Landfills No. 1, No. 5, and Acid Pit

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category

1. ☒ Organics
2. ☒ Inorganics
3. ☒ Solvents
4. ☐ Pesticides
5. ☒ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Petroleum Refining Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

F Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

Total Facility Waste Amount

cubic feet

gallons 12,471,415**Total Facility Area**

square feet

acres Unknown**G Known, Suspected or Likely Releases to the Environment:**

Place an X in the appropriate boxes to indicate any known, suspected, Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Janczak, ManagerStreet Sama as A

City _____ State _____ Zip Code _____

Signature TE Janczak Date 6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil CompanyStreet P.O. Box 6249City CarsonState CAZip Code 90749**B Site Location:**

Enter the common name (if known) and actual location of the site.

Name of Site Basin By-ProductsStreet 930 Lawrence AvenueCity Wilmington County LAState CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hara, Richard; Envr. Cons. Mgr.Phone (213) 835-5611**D Dates of Waste Handling:**

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year)

1968

To (Year)

1973**E Waste Type: Choose the option you prefer to complete**

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☒ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☒ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Petroleum Refining Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

In the "Total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "Total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

3. ☐ Landfill
 4. ☐ Tanks
 5. ☐ Impoundment
 6. ☐ Underground Injection
 7. ☐ Drums, Above Ground
 8. ☐ Drums, Below Ground
 9. ☒ Other (Specify) Unknown

gallons 116,980

Total Facility Area

square feet

Unknown

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, ~~or likely~~ ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title.

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenti, ManagerStreet Santa Ana

City

State

Zip Code

Signature

TE Innocenti

Date

6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site BKK Company

Street 2210 S. Azusa

City West Covina

County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hara, Richard; Envir. Cons. Mgr

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1964 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☒ Organics
- 2. ☒ Inorganics
- 3. ☒ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☒ Acids
- 7. ☒ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☒ Unknown
- 11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☒ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

F Waste Quantity: Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1. <input type="checkbox"/> Piles 2. <input type="checkbox"/> Land Treatment 3. <input type="checkbox"/> Landfill 4. <input type="checkbox"/> Tanks 5. <input type="checkbox"/> Impoundment 6. <input type="checkbox"/> Underground Injection 7. <input type="checkbox"/> Drums, Above Ground 8. <input type="checkbox"/> Drums, Below Ground 9. <input checked="" type="checkbox"/> Other (Specify) <u>Unknown</u>	Total Facility Waste Amount cubic feet _____ gallons <u>5, 115, 674</u> Total Facility Area square feet _____ acres <u>Unknown</u>
--	---	---

G Known, Suspected or Likely Releases to the Environment:
 Place an X in the appropriate boxes to indicate any known, suspected, ~~Don't know~~ ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager

Street Same as A

City _____

State _____

Zip Code _____

Signature TE Innocenzi

Date 6/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other

JUL-09-'92 THU 06:24 ID:SHELL OIL ENG CON TEL NO:1-510-81

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Enter the name and address of the person
or organization required to notify

State CA Zip Code 90749

City Wilmington County LA State CA Zip Code _____

Phone (213) 835-5611

From (Year) 1968 To (Year) 1976

[illegible]

Facility Type**Facility Type****Facility Type****Total Facility Waste Amount**

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) Unknown

cubic feet

gallons 869,490

Total Facility Area

square feet

acres Unknown**G Known, Suspected or Likely Releases to the Environment:**

Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address if different than address

Name T. E. Innocenzi, ManagerStreet Same as A☐ Owner, Present☐ Owner, Past☐ Transporter

SHELL OIL COMPANY

REFERENCE

VIII. F.

DATE JUNE 1, 1979

TO HEAD OFFICE - ENVIRONMENTAL
CONSERVATION - OPERATIONSFROM MANAGER - WILMINGTON
MANUFACTURING COMPLEXSUBJECT WILMINGTON WASTE DISPOSAL
SITE SURVEY

Please refer to your memorandum of May 7, 1979 requesting a review of Waste Disposal practices for Chemical Manufacturing (Oxygenated Solvents) at this location.

Records of Waste Disposal are currently available for 1973 to date with respect to carrier, quantity and a description of the waste. Information as to disposal site is less complete, but sufficient to point to most, if not all, sites used.

Waste products from this location are considered to be relatively non-toxic. Since operations at this location have not changed significantly either in nature nor throughput since 1950, the wastes disposed of prior to 1973 should not differ significantly from recent wastes. They too should be considered to be relatively non-toxic.

Prior to 1969, our solvents plant waste water was processed with refinery waste water; hence, no effluent sludge was isolated. Also prior to 1969, wastes consisted of an occasional load of sludge from a 67% sulfuric acid storage tank, sludge from solvent tanks being prepared for inspection and repairs; also, from time to time, sludge from the forebay of a cooling water tower. At the most, this would probably amount to less than 100 tons in any year prior to 1969.

In 1969, the process waste water from the solvents operation was segregated, processed to remove solids (effluent sludge) and ultimately introduced to the Los Angeles County Sanitary Sewer System for further treatment.

A review of our worksheets for recent years shows the greatest part of the waste is this effluent sludge, a moderately alkaline emulsion of water, oil, hydrated metallic oxides, such as, iron hydroxide, calcium hydroxide, magnesium hydroxide, and perhaps traces of alcohols and ketones.

We have prepared a form "A" for 1978, (5) form "B's", pages 1 and 2, for known disposal sites, form "C", covering haulers named in our records for 1973 to 1978, and haulers possibly used prior to 1979 based on recollections of employees in responsible positions prior to 1973.

We also have prepared (10) form "D's", "Supplemental Hauler Information," for haulers named in our records and those possibly used before 1973 as well.

In addition to the waste disposal sites covered by the Form "B", there are a number of other local sites that have been active in this area in past years. We have no evidence that these were disposal sites for wastes from this location.

Other possible disposal sites include the following:

Adams Dump	213 & Delores
Main Street Dump	Main & San Diego Freeway
Harwick Dump	South of Shell Wilmington Refinery
Port Disposal Company	Wilmington
Cherokee Disposal Company	Paramount (Crosby & Overton)
Blinn Street Dump	Wilmington

If further information or clarification of any of the data provided is needed, it would probably be expedient to direct questions directly to R. O'Hare, SSN 629-1526.

Original Signed By

T. E. INNOCENZI

T. E. Innocenzi

Enclosure

bc: JWA/WHB/RBT
RH/KHT
E/C File 3.34 (Attachments)

Form Approved
OMB No. 2000-0138
EPA Form 8900-1

LEAD-BASED PAINT TESTING
Operations

78



Notification of Hazardous Waste Site

1990 F-20
United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Shell Oil Company

Street P.O. Box 6249

City Carson

State CA

Zip Code 90749

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site BKK Company

Street 2210 S. Azusa

City West Covina

County LA

State CA

Zip Code

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) O'Hara, Richard; Envir. Conc. Mgr.

Phone (213) 835-5611

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year)

1964

To (Year)

1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item F—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1 ☒ Organics
- 2 ☒ Inorganics
- 3 ☒ Solvents
- 4 ☐ Pesticides
- 5 ☐ Heavy metals
- 6 ☒ Acids
- 7 ☒ Bases
- 8 ☐ PCBs
- 9 ☐ Mixed Municipal Waste
- 10 ☒ Unknown
- 11 ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1 ☐ Mining
- 2 ☐ Construction
- 3 ☐ Textiles
- 4 ☐ Fertilizer
- 5 ☐ Paper/Printing
- 6 ☐ Leather Tanning
- 7 ☐ Iron/Steel Foundry
- 8 ☒ Chemical, General
- 9 ☐ Plating/Polishing
- 10 ☐ Military/Ammunition
- 11 ☐ Electrical Conductors
- 12 ☐ Transformers
- 13 ☐ Utility Companies
- 14 ☐ Sanitary/Refuse
- 15 ☐ Photofinish
- 16 ☐ Lab/Hospital
- 17 ☐ Unknown
- 18 ☒ Other (Specify)
Petroleum Refinery
Operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

FINAL

1 1 1 1 1 (1-5)
(DO NOT USE)

FORM A: GENERAL FACILITY INFORMATION

Company Name: SHELL CHEMICAL COMPANY
Division/Subsidiary: INDUSTRIAL CHEMICALS DIVISION
Facility Name: DOMINGUEZ PLANT

Address: 20945 SOUTH WILMINGTON AVE
No. Street
CARSON CALIF 90749
City State Zip Code

Name of Person Completing Form: ESTABLINGTON / KIRANTAC
Position: STAFF CHEMIST / PURCHASING REPRESENTATIVE
Phone Number: (213) 835-5611

1. Year Facility Opened 19 86 (10-11)
2. Primary SIC Code 28619 (12-15)
3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - If not, justify response
thousand gallons 1 (16-24)
hundred tons 1 (25-32)
thousand cubic yards 1 (33-41)
4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:
in landfill 100 (42-44)
in pit/pond/lagoon 10 (45-47)
in deep well 10 (48-50)
incinerated 10 (51-53)
reprocessed/recycled 10 (54-56)
evaporated 10 (57-59)
unknown 10 (60-62)
other (Specify _____) 10 (63-65)
5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950? 15 (66-68)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1; no=2) 1 (69)

IF YES, COMPLETE FORM "C"

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) 2 (70)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms 1973 (71-74)
9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms 1950 (75-78)

FORM B: DISPOSAL SITE INFORMATION

FINAL

(1-S)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: INDUSTRIAL CHEMICALS
Facility Name: BRINLEY STREET
Name of Site: LOS ANGELES COUNTY SANITARY LANDFILL #1
Address of Site: PAVO VERDES CONDOMINIUM 26301 S. CRENSHAW BLVD. RENTING FROM S.
no. street

LOS ANGELES COUNTY, CALIFORNIA
city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY
Address: _____
no. street

city state zip code

Current Owner (if different from above): _____
Address: _____
no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2= private but not company ownership; 3= public ownership; 9= don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9= don't know) 2 (12)
IF CLOSED, specify year closed 19 79 (13-14)
4. Year first used for process waste from this facility 19 79 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 79 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons 30 (27-33)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1= currently in use; 2= no longer in use; 3= never used; 9= don't know)
landfill, mono industrial waste 1 (42)
landfill, mixed industrial waste 1 (43)
landfill, drummed waste 1 (44)
landfill, municipal refuse co-disposed 1 (45)
pits/ponds/lagoons 1 (46)
deep well injection 1 (47)
land farming 1 (48)
incineration 1 (49)
treatment (eg. neutralizing) 1 (50)
reprocessing/recycling 1 (51)
other (specify) (52)
8. Users of this site (1= this facility; 2= this facility and other company facilities only; 3= this company and others; 9= don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B CONTINUED ON SECOND PAGE

03

9. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 3-don't know)

Acid solutions, with pH < 3	✓	(1)
pickling liquor	✓	(11)
metal plating waste	✓	(12)
circuit etchings	✓	(13)
inorganic acid manufacture	✓	(14)
organic acid manufacture	✓	(15)
Base solutions, with pH > 12	✓	(16)
caustic soda manufacture	✓	(17)
nylon and similar polymer generation	✓	(18)
scrubber residual	✓	(19)
Heavy metals & trace metals (bonded organically & inorganically)	✓	(20)
arsenic, selenium, antimony	✓	(21)
mercury	✓	(22)
iron, manganese, magnesium	✓	(23)
zinc, cadmium, copper, chromium (trivalent)	✓	(24)
chromium (hexavalent)	✓	(25)
lead	✓	(26)
Radioactive residues, > 50 picocuries/gram	✓	(27)
uranium residuals & residuals for U ₆ recycling	✓	(28)
lanthanide series elements and rare earth salts	✓	(29)
phosphate slag	✓	(30)
thorium	✓	(31)
radium	✓	(32)
other alpha, beta & gamma emitters	✓	(33)
Organics	✓	(34)
insecticides & intermediates	✓	(35)
herbicides & intermediates	✓	(36)
fungicides & intermediates	✓	(37)
rodenticides & intermediates	✓	(38)
halogenated aliphatics	✓	(39)
halogenated aromatics	✓	(40)
acrylates & latex emulsions	✓	(41)
PCB/PBB's	✓	(42)
amides, amines, imides	✓	(43)
plasticizers	✓	(44)
resins	✓	(45)
elastomers	✓	(46)
solvents polar (except water)	✓	(47)
carbon tetrachloride	✓	(48)
trichloroethylene	✓	(49)
other solvents nonpolar	✓	(50)
solvents halogenated aliphatic	✓	(51)
solvents halogenated aromatic	✓	(52)
oils and oil sludges	✓	(53)
esters and ethers	✓	(54)
alcohols	✓	(55)
ketones & aldehydes	✓	(56)
dioxins	✓	(57)
Inorganics	✓	(58)
salts	✓	(59)
mercaptans	✓	(60)
Misc	✓	(61)
pharmaceutical wastes	✓	(62)
paints & pigments	✓	(63)
catalysts (eg. vanadium, platinum, palladium)	✓	(64)
asbestos	✓	(65)
shock sensitive wastes (eg. nitrated toluenes)	✓	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	✓	(67)
wastes with flash point below 100° F.	✓	(68)

FORM B: DISPOSAL SITE INFORMATION

FIN-1

1 1 1 1 1 1 1 1 (4-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: INDUSTRIAL CHEMICALS
Facility Name: WOMINGUE PLANT
Name of Site: LOS ANGELES SANITARY LANDFILL, CALABASAS
Address of Site: 26919 WEST VENTURA FREEWAY, AGUA CALiente
no. street

LOS ANGELES COUNTY, CALIF.
city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY
Address: CALABASAS
no. street

LOS ANGELES COUNTY, CALIF.
city state zip code

Current Owner (if different from above):
Address: _____
no. street

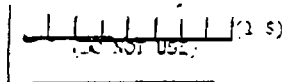
city state zip code

1. Location (1= the property on which facility is located; 2= off-site) 2 (10)
2. Ownership at time of use (1= company ownership; 2= private but not company ownership) 3= public ownership 9= don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9= don't know) 2 (12)
IF CLOSED, specify year closed 1977 (13-14)
4. Year first used for process waste from this facility 1977 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 1979 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons (27-33)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1= currently in use; 2= no longer in use; 3= never used; 9= don't know)
landfill, mono industrial waste 1 (42)
landfill, mixed industrial waste 1 (43)
landfill, drummed waste 1 (44)
landfill, municipal refuse co-disposed ... 1 (45)
pits/ponds/lagoons 1 (46)
deep well injection 1 (47)
land farming 1 (48)
incineration 1 (49)
treatment (eg. neutralizing) 1 (50)
reprocessing/recycling 1 (51)
other (specify) 1 (52)
8. Users of this site (1= this facility; 2= this facility and other company facilities only; 3= this company and others; 9= don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW:

FORM B CONTINUED ON SECOND PAGE

09-1



Company Name: SHELL CHEMICAL COMPANY
 Division/Subsidiary: INDUSTRIAL CHEMICAL DIVISION
 Facility Name: DOW INLAND PLANT

Site Name: LOS ANGELES COUNTY SANITARY LANDFILL, CALIFORNIA

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	1/	(10)
pickling liquor	1/	(11)
metal plating waste	1/	(12)
circuit etchings	1/	(13)
inorganic acid manufacture	1/	(14)
organic acid manufacture	1/	(15)
Base solutions, with pH > 12	1/	(16)
caustic soda manufacture	1/	(17)
nylon and similar polymer generation	1/	(18)
scrubber residual	1/	(19)
Heavy metals & trace metals (bonded organically & inorganically)	1/	(20)
arsenic, selenium, antimony	1/	(21)
mercury	1/	(22)
iron, manganese, magnesium	1/	(23)
zinc, cadmium, copper, chromium (trivalent)	1/	(24)
chromium (hexavalent)	1/	(25)
lead	1/	(26)
Radioactive residues, > 50 pico curies/gram	1/	(27)
uranium residuals & residuals for U ₆ recycling	1/	(28)
lanthanide series elements and rare earth salts	1/	(29)
phosphate slag	1/	(30)
thorium	1/	(31)
radium	1/	(32)
other alpha, beta & gamma emitters	1/	(33)
Organics	1/	(34)
insecticides & intermediates	1/	(35)
herbicides & intermediates	1/	(36)
fungicides & intermediates	1/	(37)
rodenticides & intermediates	1/	(38)
halogenated aliphatics	1/	(39)
halogenated aromatics	1/	(40)
acrylates & latex emulsions	1/	(41)
PCB/PBB's	1/	(42)
anides, amines, imides	1/	(43)
plasticizers	1/	(44)
resins	1/	(45)
elastomers	1/	(46)
solvents polar (except water)	1/	(47)
carbontetrachloride	1/	(48)
trichloroethylene	1/	(49)
other solvents nonpolar	1/	(50)
solvents halogenated aliphatic	1/	(51)
solvents halogenated aromatic	1/	(52)
oils and oil sludges	1/	(53)
esters and ethers	1/	(54)
alcohols	1/	(55)
ketones & aldehydes	1/	(56)
dioxins	1/	(57)
Inorganics	1/	(58)
salts	1/	(59)
mercaptans	1/	(60)
Misc.	1/	(61)
pharmaceutical wastes	1/	(62)
paints & pigments	1/	(63)
catalysts (eg. vanadium, platinum, palladium)	1/	(64)
asbestos	1/	(65)
shock sensitive wastes (eg. nitrated toluenes)	1/	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	1/	(67)
wastes with flash point below 100° F.	1/	(68)

FORM B: DISPOSAL SITE INFORMATION

FINES

(1-5)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL CHEMICAL COMPANY
Facility Name: DOMINION 2 PLANT
Name of Site: CALIFORNIA SANITARY CO
Address of Site: 217 NORTH LAGOON ST 90744
no. street

SAN PEDRO CALIF
city state zip code

Name of Owner (while used by facility): G.H. HUTCHISON & SONS
Address: 217 N. LAGOON
no. street

SAN PEDRO CALIF 90744
city state zip code

Current Owner (if different from above):
Address: _____
no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site) ☒ (10)
2. Ownership at time of use (1= company ownership; 2= private but not company ownership) 3= public ownership 9= don't know) ☒ (11)
3. Current status (1= closed; 2= still in use; 9= don't know) ☒ (12)
IF CLOSED, specify year closed 19 ☐ (13-14)
4. Year first used for process waste from this facility 19 ☐ (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 ☐ (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons ☐ (19-26)
Right justify response hundred tons ☐ (27-33)
thousand cubic yards ☐ (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1= currently in use; 2= no longer in use; 3= never used; 9= don't know)
landfill, mono industrial waste ☒ (42)
landfill, mixed industrial waste ☒ (43)
landfill, drummed waste ☒ (44)
landfill, municipal refuse co-disposed ... ☒ (45)
pits/ponds/lagoons ☒ (46)
deep well injection ☒ (47)
land farming ☒ (48)
incineration ☒ (49)
treatment (eg. neutralizing) ☒ (50)
reprocessing/recycling ☒ (51)
other (specify) Deep Sea Disposal ☒ (52)
8. Users of this site (1= this facility; 2= this facility and other company facilities only; 3= this company and others; 9= don't know) ☒ (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B CONTINUED ON SECOND PAGE

03

Company Name: SHELL CHEMICAL COMPANY
 Division/Subsidiary: INDUSTRIAL CHEMICALS DIV
 Facility Name: CALIE DOMINGUEZ PLANT
 Site Name: CALIFORNIA SALVAGE CO

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	1	(10)
pickling liquor	1	(11)
metal plating waste	1	(12)
circuit etchings	1	(13)
inorganic acid manufacture	1	(14)
organic acid manufacture	1	(15)
Base solutions, with pH > 12	1	(16)
caustic soda manufacture	1	(17)
nylon and similar polymer generation	1	(18)
scrubber residual	1	(19)
Heavy metals & trace metals (bound organically & inorganically)	1	(20)
arsenic, selenium, antimony	1	(21)
mercury	1	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	1	(24)
chromium (hexavalent)	1	(25)
lead	1	(26)
Radioactive residues, > 50 nCi/gm	1	(27)
uranium residuals & residuals for UFG recycling	1	(28)
lanthanide series elements and rare earth salts	1	(29)
phosphate slag	1	(30)
thorium	1	(31)
radium	1	(32)
other alpha, beta & gamma emitters	1	(33)
Organics	1	(34)
insecticides & intermediates	1	(35)
herbicides & intermediates	1	(36)
fungicides & intermediates	1	(37)
rodenticides & intermediates	1	(38)
halogenated aliphatics	1	(39)
halogenated aromatics	1	(40)
acrylates & latex emulsions	1	(41)
PCB/PBB's	1	(42)
amides, amines, imides	1	(43)
plasticizers	1	(44)
resins	1	(45)
elastomers	1	(46)
solvents polar (except water)	1	(47)
carbon tetrachloride	1	(48)
trichloroethylene	1	(49)
other solvents nonpolar	1	(50)
solvents halogenated aliphatic	1	(51)
solvents halogenated aromatic	1	(52)
oils and oil sludges	1	(53)
esters and ethers	1	(54)
alcohols	1	(55)
ketones & aldehydes	1	(56)
dioxins	1	(57)
Inorganics	1	(58)
salts	1	(59)
mercaptans	1	(60)
Misc.	1	(61)
pharmaceutical wastes	1	(62)
paints & pigments	1	(63)
catalysts (eg. vanadium, platinum, palladium)	1	(64)
asbestos	1	(65)
shock sensitive wastes (eg. nitrated toluenes)	1	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	1	(67)
wastes with flash point below 100° F.	1	(68)

FORM B: DISPOSAL SITE INFORMATION

FINAL

(1-5)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL CHEMICAL COMPANY (Industrial Chemicals)Facility Name: DOMINGUEZ PLANTName of Site: BASIN BY-PRODUCTS COMPANYAddress of Site: 3031 E. I ST.
no. streetWILM CA 90747
city state zip codeName of Owner (while used by facility): HAMELLOIC CORPAddress: 3031 E. I ST.
no. streetWILM CA 90747
city state zip code

Current Owner (if different from above):

Address: _____
no. street

_____ city state zip code

1. Location (1= the property on which facility is located; 2= off-site) ☒ (10)
2. Ownership at time of use (1= company ownership; 2= private but not company ownership) 3= public ownership 9= don't know ☒ (11)
3. Current status (1= closed; 2= still in use; 9= don't know) ☒ (12)
IF CLOSED, specify year closed 1969 (13-14)
4. Year first used for process waste from this facility 1940 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 1969 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons 10 (27-33)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1= currently in use; 2= no longer in use; 3= never used; 9= don't know)
landfill, mono industrial waste ☒ (42)
landfill, mixed industrial waste ☒ (43)
landfill, drummed waste ☒ (44)
landfill, municipal refuse co-disposed ... ☒ (45)
pits/ponds/lagoons ☒ (46)
deep well injection ☒ (47)
land farming ☒ (48)
incineration ☒ (49)
treatment (eg. neutralizing) ☒ (50)
reprocessing/recycling ☒ (51)
other (specify) ☒ (52)
8. Users of this site (1= this facility; 2= this facility and other company facilities only; 3= this company and others; 9= don't know) ☒ (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B CONTINUED ON SECOND PAGE

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Company Name: SHELL CHEMICAL COMPANY
 Division/Subsidiary: INDUSTRIAL CHEMICALS DIVISION
 Facility Name: DOMINGUEZ PLANT
 Site Name: BASIN BYPRODUCTS COMPANY

9. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	1	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH > 12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	2	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	2	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, > 50 pico curies/gram	2	(27)
uranium residuals & residuals for UF ₆ recycling	2	(28)
lanthanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics	2	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plasticizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	2	(53)
esters and ethers	2	(54)
alcohols	2	(55)
ketones & aldehydes	2	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc.	2	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	2	(67)
wastes with flash point below 100° F.	2	(68)

FORM B: DISPOSAL SITE INFORMATION

FINAL

(1-S)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: INDUSTRIAL CHEMICAL
Facility Name: ADWINGUET PLANT
Name of Site: BKK CO
Address of Site: 2210 ARUSA AVE

no. street
W. ST QUINA CALIF 91722
city state zip code

Name of Owner (while used by facility): CAYCELLO & OGDEN
Address: 3031 EAST 1 STREET

no. street
WILMINGTON CALIF 90744
city state zip code

Current Owner (if different from above):
Address: _____
no. street
city state zip code

1. Location (1= the property on which facility is located; 2= off-site) (2) (10)
2. Ownership at time of use (1= company ownership; 2= private but not company ownership) 3= public ownership 9= don't know) (2) (11)
3. Current status (1= closed; 2= still in use; 9= don't know) (2) (12)
IF CLOSED, specify year closed 1979 (13-14)
4. Year first used for process waste from this facility 1979 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 1979 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (2) (19-26)
Right justify response hundred tons (2) (27-33)
thousand cubic yards (2) (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1= currently in use; 2= no longer in use; 3= never used; 9= don't know)
landfill, mono industrial waste (2) (42)
landfill, mixed industrial waste (2) (43)
landfill, drummed waste (2) (44)
landfill, municipal refuse co-disposed ... (2) (45)
pits/ponds/lagoons (2) (46)
deep well injection (2) (47)
land farming (2) (48)
incineration (2) (49)
treatment (eg. neutralizing) (2) (50)
reprocessing/recycling (2) (51)
other (specify) (2) (52)
8. Users of this site (1= this facility; 2= this facility and other company facilities only; 3= this company and others; 9= don't know) (2) (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B CONTINUED ON SECOND PAGE

1 80

100

(DO NOT USE)

(1-8)

Company Name: Shell Chemical Company Division/Subsidiary: IND Chem Div

Facility Name: DOMINGUEZ PLANT

Name of Hauling Firm/Contractor: HARBOR VACUUM TRUCK SERVICE

Address: (no.) UNK (street) UNK

(city) UNK (state) UNK (zip code) UNK

1. Year first used Before 1973 1973 (10-11)
2. Year last used (enter "79" if still in use) Before 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons | | | | | | | | (14-21)
Right justify response hundred tons | | | | | | | / (22-28)
 thousand cubic yards | | | | | | | (29-36)

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: NOLOM DIV
 Facility Name: ADAMANTUS PLANT
 Name of Hauling Firm/Contractor: LAPAL VACUUM TRUCK SERVICE
 Address: (no.) UNK (street) UNK
 (city) UNK (state) UNK (zip code) UNK

1. Year first used Before 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) Before 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE. thousand gallons (14-21)
 Right justify response hundred tons (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	<input checked="" type="checkbox"/>	(37)
pickling liquor	<input checked="" type="checkbox"/>	(38)
metal plating waste	<input checked="" type="checkbox"/>	(39)
circuit etchings	<input checked="" type="checkbox"/>	(40)
inorganic acid manufacture	<input checked="" type="checkbox"/>	(41)
organic acid manufacture	<input checked="" type="checkbox"/>	(42)
Base solutions, with pH > 12	<input checked="" type="checkbox"/>	(43)
caustic soda manufacture	<input checked="" type="checkbox"/>	(44)
nylon and similar polymer generation	<input checked="" type="checkbox"/>	(45)
scrubber residual	<input checked="" type="checkbox"/>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<input checked="" type="checkbox"/>	(47)
arsenic, selenium, antimony	<input checked="" type="checkbox"/>	(48)
mercury	<input checked="" type="checkbox"/>	(49)
iron, manganese, magnesium	<input checked="" type="checkbox"/>	(50)
zinc, cadmium, copper, chromium (trivalent)	<input checked="" type="checkbox"/>	(51)
chromium (hexavalent)	<input checked="" type="checkbox"/>	(52)
lead	<input checked="" type="checkbox"/>	(53)
Radioactive residues, > 30 pico curies/gram	<input checked="" type="checkbox"/>	(54)
uranium residuals & residuals for U ₆ recycling	<input checked="" type="checkbox"/>	(55)
lanthanide series elements and rare earth salts	<input checked="" type="checkbox"/>	(56)
phosphate slag	<input checked="" type="checkbox"/>	(57)
thorium	<input checked="" type="checkbox"/>	(58)
radium	<input checked="" type="checkbox"/>	(59)
other alpha, beta & gamma emitters	<input checked="" type="checkbox"/>	(60)
Organics	<input checked="" type="checkbox"/>	(61)
insecticides & intermediates	<input checked="" type="checkbox"/>	(62)
herbicides & intermediates	<input checked="" type="checkbox"/>	(63)
fungicides & intermediates	<input checked="" type="checkbox"/>	(64)
rodenticides & intermediates	<input checked="" type="checkbox"/>	(65)
halogenated aliphatics	<input checked="" type="checkbox"/>	(66)
halogenated aromatics	<input checked="" type="checkbox"/>	(67)
acrylates & latex emulsions	<input checked="" type="checkbox"/>	(68)
PCB/FBB's	<input checked="" type="checkbox"/>	(69)
amides, amines, imides	<input checked="" type="checkbox"/>	(70)
plasticizers	<input checked="" type="checkbox"/>	(71)
resins	<input checked="" type="checkbox"/>	(72)
elastomers	<input checked="" type="checkbox"/>	(73)
solvents polar (except water)	<input checked="" type="checkbox"/>	(74)
carbon tetrachloride	<input checked="" type="checkbox"/>	(75)
trichloroethylene	<input checked="" type="checkbox"/>	(76)
other solvents nonpolar	<input checked="" type="checkbox"/>	(77)
solvents halogenated aliphatic	<input checked="" type="checkbox"/>	(78)
solvents halogenated aromatic	<input checked="" type="checkbox"/>	(79)
oils and oil sludges	<input checked="" type="checkbox"/>	(80)
esters and ethers	<input checked="" type="checkbox"/>	(81)
alcohols	<input checked="" type="checkbox"/>	(82)
ketones & aldehydes	<input checked="" type="checkbox"/>	(83)
dioxins	<input checked="" type="checkbox"/>	(84)
Inorganics	<input checked="" type="checkbox"/>	(85)
salts	<input checked="" type="checkbox"/>	(86)
mercaptans	<input checked="" type="checkbox"/>	(87)
Misc	<input checked="" type="checkbox"/>	(88)
pharmaceutical wastes	<input checked="" type="checkbox"/>	(89)
paints & pigments	<input checked="" type="checkbox"/>	(90)
catalysts (eg. vanadium, platinum, palladium)	<input checked="" type="checkbox"/>	(91)
asbestos	<input checked="" type="checkbox"/>	(92)
shock sensitive wastes (eg. nitrated toluenes)	<input checked="" type="checkbox"/>	(93)
air water reactive wastes (eg. P ₂ , aluminum chloride)	<input checked="" type="checkbox"/>	(94)
wastes with flash point below 100°F	<input checked="" type="checkbox"/>	(95)

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FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(DO NOT USE) (1-8)

Company Name: SHELL CHEMICAL COMPANY (Division/Subsidiary) IND. CHEM. DIV.
 Facility Name: DOMINGUEZ PLANT
 Name of Hauling Firm/Contractor: ELX & BRAUN
 Address: (no.) 239 E. (street) D ST
 (city) MIAMI (state) FLA (zip code) 33144

1. Year first used Before 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) Before 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE. thousand gallons (14-21)
 Right justify response hundred tons (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	<input checked="" type="checkbox"/>	(37)
pickling liquor	<input checked="" type="checkbox"/>	(38)
metal plating waste	<input checked="" type="checkbox"/>	(39)
circuit etchings	<input checked="" type="checkbox"/>	(40)
inorganic acid manufacture	<input checked="" type="checkbox"/>	(41)
organic acid manufacture	<input checked="" type="checkbox"/>	(42)
Base solutions, with pH > 12	<input checked="" type="checkbox"/>	(43)
caustic soda manufacture	<input checked="" type="checkbox"/>	(44)
nylon and similar polymer generation	<input checked="" type="checkbox"/>	(45)
scrubber residual	<input checked="" type="checkbox"/>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<input checked="" type="checkbox"/>	(47)
arsenic, selenium, antimony	<input checked="" type="checkbox"/>	(48)
mercury	<input checked="" type="checkbox"/>	(49)
iron, manganese, magnesium	<input checked="" type="checkbox"/>	(50)
zinc, cadmium, copper, chromium (trivalent)	<input checked="" type="checkbox"/>	(51)
chromium (hexavalent)	<input checked="" type="checkbox"/>	(52)
lead	<input checked="" type="checkbox"/>	(53)
Radioactive residues, > 50 pico curies/gram	<input checked="" type="checkbox"/>	(54)
uranium residuals & residuals for UFG recycling	<input checked="" type="checkbox"/>	(55)
lanthanide series elements and rare earth salts	<input checked="" type="checkbox"/>	(56)
phosphate slag	<input checked="" type="checkbox"/>	(57)
thorium	<input checked="" type="checkbox"/>	(58)
radium	<input checked="" type="checkbox"/>	(59)
other alpha, beta & gamma emitters	<input checked="" type="checkbox"/>	(60)
Organics	<input checked="" type="checkbox"/>	(61)
insecticides & intermediates	<input checked="" type="checkbox"/>	(62)
herbicides & intermediates	<input checked="" type="checkbox"/>	(63)
fungicides & intermediates	<input checked="" type="checkbox"/>	(64)
rodenticides & intermediates	<input checked="" type="checkbox"/>	(65)
halogenated aliphatics	<input checked="" type="checkbox"/>	(66)
halogenated aromatics	<input checked="" type="checkbox"/>	(67)
acrylates & latex emulsions	<input checked="" type="checkbox"/>	(68)
PCB/PBB's	<input checked="" type="checkbox"/>	(69)
amides, amines, imides	<input checked="" type="checkbox"/>	(70)
plasticizers	<input checked="" type="checkbox"/>	(71)
resins	<input checked="" type="checkbox"/>	(72)
elastomers	<input checked="" type="checkbox"/>	(73)
solvents polar (except water)	<input checked="" type="checkbox"/>	(74)
carbon tetrachloride	<input checked="" type="checkbox"/>	(75)
trichloroethylene	<input checked="" type="checkbox"/>	(76)
other solvents nonpolar	<input checked="" type="checkbox"/>	(77)
solvents halogenated aliphatic	<input checked="" type="checkbox"/>	(78)
solvents halogenated aromatic	<input checked="" type="checkbox"/>	(79)
oils and oil sludges	<input checked="" type="checkbox"/>	(80)
esters and ethers	<input checked="" type="checkbox"/>	(81)
alcohols	<input checked="" type="checkbox"/>	(82)
ketones & aldehydes	<input checked="" type="checkbox"/>	(83)
dioxins	<input checked="" type="checkbox"/>	(84)
Inorganics	<input checked="" type="checkbox"/>	(85)
salts	<input checked="" type="checkbox"/>	(86)
mercaptans	<input checked="" type="checkbox"/>	(87)
Misc.	<input checked="" type="checkbox"/>	(88)
pharmaceutical wastes	<input checked="" type="checkbox"/>	(89)
paints & pigments	<input checked="" type="checkbox"/>	(90)
catalysts (eg. vanadium, platinum, palladium)	<input checked="" type="checkbox"/>	(91)
asbestos	<input checked="" type="checkbox"/>	(92)
shock sensitive wastes (eg. nitrated toluenes)	<input checked="" type="checkbox"/>	(93)
oil water reactive wastes (eg. P ₂ , aluminum chloride)	<input checked="" type="checkbox"/>	(94)
wastes with flash point below 100°F	<input checked="" type="checkbox"/>	(95)

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SMITH CHEMICAL COMPANY Division/Subsidiary: IND. CHEM. DIV.
Facility Name: DOMINGUEZ PLANT
Name of Hauling Firm/Contractor: J. C. CARPANO CO.
Address: (no.) 1737 E (street) DEAN
(city) WILM (state) CAL. (zip code) 90744

1. Year first used Before 1978 1950 (10-11)
2. Year last used (enter "79" if still in use) Before 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	<input checked="" type="checkbox"/>	(37)
pickling liquor	<input checked="" type="checkbox"/>	(38)
metal plating waste	<input checked="" type="checkbox"/>	(39)
circuit etchings	<input checked="" type="checkbox"/>	(40)
inorganic acid manufacture	<input checked="" type="checkbox"/>	(41)
organic acid manufacture	<input checked="" type="checkbox"/>	(42)
Base solutions, with pH > 12	<input checked="" type="checkbox"/>	(43)
caustic soda manufacture	<input checked="" type="checkbox"/>	(44)
nylon and similar polymer generation	<input checked="" type="checkbox"/>	(45)
scrubber residual	<input checked="" type="checkbox"/>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<input checked="" type="checkbox"/>	(47)
arsenic, selenium, antimony	<input checked="" type="checkbox"/>	(48)
mercury	<input checked="" type="checkbox"/>	(49)
iron, manganese, magnesium	<input checked="" type="checkbox"/>	(50)
zinc, cadmium, copper, chromium (trivalent)	<input checked="" type="checkbox"/>	(51)
chromium (hexavalent)	<input checked="" type="checkbox"/>	(52)
lead	<input checked="" type="checkbox"/>	(53)
Radioactive residues, > 50 pico curies/gram	<input checked="" type="checkbox"/>	(54)
uranium residuals & residuals for UF ₆ recycling	<input checked="" type="checkbox"/>	(55)
lanthanide series elements and rare earth salts	<input checked="" type="checkbox"/>	(56)
phosphate slag	<input checked="" type="checkbox"/>	(57)
thorium	<input checked="" type="checkbox"/>	(58)
radium	<input checked="" type="checkbox"/>	(59)
other alpha, beta & gamma emitters	<input checked="" type="checkbox"/>	(60)
Organics	<input checked="" type="checkbox"/>	(61)
insecticides & intermediates	<input checked="" type="checkbox"/>	(62)
herbicides & intermediates	<input checked="" type="checkbox"/>	(63)
fungicides & intermediates	<input checked="" type="checkbox"/>	(64)
rodenticides & intermediates	<input checked="" type="checkbox"/>	(65)
halogenated aliphatics	<input checked="" type="checkbox"/>	(66)
halogenated aromatics	<input checked="" type="checkbox"/>	(67)
acrylates & latex emulsions	<input checked="" type="checkbox"/>	(68)
PCB/PBB's	<input checked="" type="checkbox"/>	(69)
amides, amines, imides	<input checked="" type="checkbox"/>	(70)
plasticizers	<input checked="" type="checkbox"/>	(71)
resins	<input checked="" type="checkbox"/>	(72)
elastomers	<input checked="" type="checkbox"/>	(73)
solvents polar (except water)	<input checked="" type="checkbox"/>	(74)
carbon tetrachloride	<input checked="" type="checkbox"/>	(75)
trichloroethylene	<input checked="" type="checkbox"/>	(76)
other solvents nonpolar	<input checked="" type="checkbox"/>	(77)
solvents halogenated aliphatic	<input checked="" type="checkbox"/>	(78)
solvents halogenated aromatic	<input checked="" type="checkbox"/>	(79)
oils and oil sludges	<input checked="" type="checkbox"/>	(80)
esters and ethers	<input checked="" type="checkbox"/>	(81)
alcohols	<input checked="" type="checkbox"/>	(82)
ketones & aldehydes	<input checked="" type="checkbox"/>	(83)
dioxins	<input checked="" type="checkbox"/>	(84)
Inorganics	<input checked="" type="checkbox"/>	(85)
salts	<input checked="" type="checkbox"/>	(86)
mercaptans	<input checked="" type="checkbox"/>	(87)
Misc.	<input checked="" type="checkbox"/>	(88)
pharmaceutical wastes	<input checked="" type="checkbox"/>	(89)
paints & pigments	<input checked="" type="checkbox"/>	(90)
catalysts (eg. vanadium, platinum, palladium)	<input checked="" type="checkbox"/>	(91)
asbestos	<input checked="" type="checkbox"/>	(92)
shock sensitive wastes (eg. nitrated toluenes)	<input checked="" type="checkbox"/>	(93)
air water reactive wastes (eg. P ₂ , aluminum ethoxide)	<input checked="" type="checkbox"/>	(94)
wastes with flash point below 100° F.	<input checked="" type="checkbox"/>	(95)

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: INDIAN DIV
Facility Name: DOMINGUEZ PLANT
Name of Hauling Firm/Contractor: ROUTE TRANSPORTATION
Address: (no.) 800 (street) 14TH ST
(city) LONG BEACH (state) CA (zip code) 90802

1. Year first used BEFORE 1973 1973 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons
Right justify response hundred tons
thousand cubic yards
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	1	(37)
pickling liquor	1	(38)
metal plating waste	1	(39)
circuit etchings	1	(40)
inorganic acid manufacture	1	(41)
organic acid manufacture	1	(42)
Base solutions, with pH > 12	1	(43)
caustic soda manufacture	1	(44)
nylon and similar polymer generation	1	(45)
scrubber residual	1	(46)
Heavy metals & trace metals (bonded organically & inorganically)	1	(47)
arsenic, selenium, antimony	1	(48)
mercury	1	(49)
iron, manganese, magnesium	1	(50)
zinc, cadmium, copper, chromium (trivalent)	1	(51)
chromium (hexavalent)	1	(52)
lead	1	(53)
Radioactive residues, > 50 pico curies/gram	1	(54)
uranium residuals & residuals for UFG recycling	1	(55)
lanthanide series elements and rare earth salts	1	(56)
phosphate slag	1	(57)
thorium	1	(58)
radium	1	(59)
other alpha, beta & gamma emitters	1	(60)
Organics	1	(61)
insecticides & intermediates	1	(62)
herbicides & intermediates	1	(63)
fungicides & intermediates	1	(64)
rodenticides & intermediates	1	(65)
halogenated aliphatics	1	(66)
halogenated aromatics	1	(67)
acrylates & latex emulsions	1	(68)
PCB/PBB's	1	(69)
oxides, amines, imides	1	(70)
plasticizers	1	(71)
resins	1	(72)
elastomers	1	(73)
solvents polar (except water)	1	(74)
carbon tetrachloride	1	(75)
trichloroethylene	1	(76)
other solvents nonpolar	1	(77)
solvents halogenated aliphatic	1	(78)
solvents halogenated aromatic	1	(79)
oils and oil sludges	1	(80)
esters and ethers	1	(81)
alcohols	1	(82)
ketones & aldehydes	1	(83)
dioxins	1	(84)
Inorganics	1	(85)
salts	1	(86)
mercaptans	1	(87)
Misc	1	(88)
pharmaceutical wastes	1	(89)
paints & pigments	1	(90)
catalysts (eg. vanadium, platinum, palladium)	1	(91)
asbestos	1	(92)
shock sensitive wastes (eg. nitrated toluenes)	1	(93)
air water reactive wastes (eg. P ₂ , aluminum chloride)	1	(94)
wastes with flash point below 100°C F	1	(95)

FORM D: SUPPLEMENTAL HAULER INFORMATION

(1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND. CHEM. DIV.
 Facility Name: DOMINIQUE PLANT
 Name of Hauling Firm/Contractor: WESTERN REEFS
 Address: (no.) 401 (street) SAN FRANCISCO
 (city) GARDENA (state) CA (zip code) 90247

1. Year first used 1976 (10-11)
2. Year last used (enter "79" if still in use) 1976 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know):
 FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	2	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH > 12	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	2	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	2	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, > 50 pico curies/gram	2	(54)
uranium residuals & residuals for UF ₆ recycling	2	(55)
lanthanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	2	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plastizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	2	(74)
carbontetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	2	(80)
esters and ethers	2	(81)
alcohols	2	(82)
ketones & aldehydes	2	(83)
dioxins	2	(84)
Inorganics	2	(85)
salts	2	(86)
mercaptans	2	(87)
Misc.	2	(88)
pharmaceutical wastes	2	(89)
paints & pigments	2	(90)
catalysts (eg. vanadium, platinum, palladium)	2	(91)
asbestos	2	(92)
shock sensitive wastes (eg. nitrated toluenes)	2	(93)
air water reactive wastes (eg. P ₂ , aluminum chloride)	2	(94)
wastes with flash point below 100°C F	2	(95)

(1-80)

(1-80)

FORM D: SUPPLEMENTAL HAULER INFORMATION

PAGE

(1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1990 AND TOOK IT TO AN UNKNOWN LOCATION

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND. CHEM. DIV.
Facility Name: DOMINGUEZ PLANT
Name of Hauling Firm/Contractor: INDUSTRIAL TRANSPORTATION SERVICES
Address: (no.) 217 No (street) LA BARRON
(city) WILM. (state) CAL (zip code) 90744

1. Year first used 1977 (10-11)
2. Year last used (enter "79" if still in use) 1979 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3	YES	(37)
pickling liquor	YES	(38)
metal plating waste	YES	(39)
circuit etchings	YES	(40)
inorganic acid manufacture	YES	(41)
organic acid manufacture	YES	(42)
Base solutions, with pH > 12	YES	(43)
caustic soda manufacture	YES	(44)
nylon and similar polymer generation	YES	(45)
scrubber residual	YES	(46)
Heavy metals & trace metals (bonded organically & inorganically)	YES	(47)
arsenic, selenium, antimony	YES	(48)
mercury	YES	(49)
iron, manganese, magnesium	YES	(50)
zinc, cadmium, copper, chromium (trivalent)	YES	(51)
chromium (hexavalent)	YES	(52)
lead	YES	(53)
Radioactive residues, > 50 pCi/g	YES	(54)
uranium residuals & residuals for UF ₆ recycling	YES	(55)
lanthanide series elements and rare earth salts	YES	(56)
phosphate slag	YES	(57)
thorium	YES	(58)
radium	YES	(59)
other alpha, beta & gamma emitters	YES	(60)
Organics	YES	(61)
insecticides & intermediates	YES	(62)
herbicides & intermediates	YES	(63)
fungicides & intermediates	YES	(64)
rodenticides & intermediates	YES	(65)
halogenated aliphatics	YES	(66)
halogenated aromatics	YES	(67)
acrylates & latex emulsions	YES	(68)
PCB/PBB's	YES	(69)
amides, amines, imides	YES	(70)
plasticizers	YES	(71)
resins	YES	(72)
elastomers	YES	(73)
solvents polar (except water)	YES	(74)
carbon tetrachloride	YES	(75)
trichloroethylene	YES	(76)
other solvents nonpolar	YES	(77)
solvents halogenated aliphatic	YES	(78)
solvents halogenated aromatic	YES	(79)
oils and oil sludges	YES	(80)
esters and ethers	YES	(81)
alcohols	YES	(82)
ketones & aldehydes	YES	(83)
dioxins	YES	(84)
Inorganics	YES	(85)
salts	YES	(86)
mercaptans	YES	(87)
Misc.	YES	(88)
pharmaceutical wastes	YES	(89)
paints & pigments	YES	(90)
catalysts (eg. vanadium, platinum, palladium)	YES	(91)
asbestos	YES	(92)
shock sensitive wastes (eg. nitrated toluenes)	YES	(93)
air water reactive wastes (eg. P ₂ , aluminum chloride)	YES	(94)
wastes with flash point below 100°C F.	YES	(95)

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(DO NOT USE) (1-8)

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND. CHEM. DIV.
 Facility Name: PORTINGUAZ PLANT
 Name of Hauling Firm/Contractor: CHANCELLOR & COOK
 Address: (no.) 3031 (street) EAST 1 ST.
 (city) WILM. (state) DEL. (zip code) 90744

1. Year first used PRIOR TO 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) PRIOR TO 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons. MAXIMUM (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know):
 FILL IN EVERY BLANK SPACE

Acid solutions, with pH < 3	1	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH > 12	2	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	2	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	2	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, > 50 pico curies/gram	2	(54)
uranium residuals & residuals for UFG recycling	2	(55)
lanthanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics	2	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/FRB's	2	(69)
amides, amines, imides	2	(70)
plasticizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	2	(74)
carbon tetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	2	(80)
esters and ethers	2	(81)
alcohols	2	(82)
ketones & aldehydes	2	(83)
dioxins	2	(84)
Inorganics	2	(85)
salts	2	(86)
mercaptans	2	(87)
Misc.	2	(88)
pharmaceutical wastes	2	(89)
paints & pigments	2	(90)
catalysts (eg. vanadium, platinum, palladium)	2	(91)
asbestos	2	(92)
shock sensitive wastes (eg. nitrated toluenes)	2	(93)
air water reactive wastes (eg. P ₂ , aluminum chloride)	2	(94)
materials with flash point below 100° F.	2	(95)

FORM D: SUPPLEMENTAL HAULER INFORMATION

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND Chem Div
 Facility Name: DOMINGUEZ PLANT
 Name of Hauling Firm/Contractor: CRISAY & QUARTON
 Address: (no.) 1620 W (street) 16TH ST
 (city) LONG BEACH (state) CA (zip code) 90813

1. Year first used 1976 (10-11)
 2. Year last used (enter "79" if still in use) 1979 (12-13)
 3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons (22-28)
 thousand cubic yards (29-36)
 4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE
- | | | |
|--|---|------|
| Acid solutions, with pH < 3 | 1 | (37) |
| pickling liquor | 2 | (38) |
| metal plating waste | 2 | (39) |
| circuit etchings | 2 | (40) |
| inorganic acid manufacture | 2 | (41) |
| organic acid manufacture | 2 | (42) |
| Base solutions, with pH > 12 | 1 | (43) |
| caustic soda manufacture | 2 | (44) |
| nylon and similar polymer generation | 2 | (45) |
| scrubber residual | 2 | (46) |
| Heavy metals & trace metals (bonded organically & inorganically) | 1 | (47) |
| arsenic, selenium, antimony | 2 | (48) |
| mercury | 2 | (49) |
| iron, manganese, magnesium | 1 | (50) |
| zinc, cadmium, copper, chromium (trivalent) | 2 | (51) |
| chromium (hexavalent) | 2 | (52) |
| lead | 2 | (53) |
| Radioactive residues, > 50 pico curies/gram | 2 | (54) |
| uranium residuals & residuals for UF ₆ recycling | 2 | (55) |
| lanthanide series elements and rare earth salts | 2 | (56) |
| phosphate slag | 2 | (57) |
| thorium | 2 | (58) |
| radium | 2 | (59) |
| other alpha, beta & gamma emitters | 2 | (60) |
| Organics | 1 | (61) |
| insecticides & intermediates | 2 | (62) |
| herbicides & intermediates | 2 | (63) |
| fungicides & intermediates | 2 | (64) |
| rodenticides & intermediates | 2 | (65) |
| halogenated aliphatics | 2 | (66) |
| halogenated aromatics | 2 | (67) |
| acrylates & latex emulsions | 2 | (68) |
| PCB/PBB's | 2 | (69) |
| amides, amines, imides | 2 | (70) |
| plastizers | 2 | (71) |
| resins | 2 | (72) |
| elastomers | 2 | (73) |
| solvents polar (except water) | 2 | (74) |
| carbontetrachloride | 2 | (75) |
| trichloroethylene | 2 | (76) |
| other solvents nonpolar | 2 | (77) |
| solvents halogenated aliphatic | 2 | (78) |
| solvents halogenated aromatic | 2 | (79) |
| oils and oil sludges | 2 | (80) |
| esters and ethers | 2 | (81) |
| alcohols | 2 | (82) |
| ketones & aldehydes | 2 | (83) |
| dioxins | 2 | (84) |
| Inorganics | 2 | (85) |
| salts | 2 | (86) |
| mercaptans | 2 | (87) |
| Misc | 2 | (88) |
| pharmaceutical wastes | 2 | (89) |
| paints & pigments | 2 | (90) |
| catalysts (eg. vanadium, platinum, palladium) | 2 | (91) |
| asbestos | 2 | (92) |
| shock sensitive wastes (eg. nitrated toluenes) | 2 | (93) |
| air water reactive wastes (eg. P ₂ , aluminum chloride) | 2 | (94) |
| wastes with flash point below 100°C F | 2 | (95) |

FORM D: SUPPLEMENTAL HAULER INFORMATION

FINC

(1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND Chem Div
Facility Name: DEMINGUS PLANT
Name of Hauling Firm/Contractor: W H HUTCHINSON & SONS INC
Address: (no.) 217 NO (street) LAGOON AVE
(city) WILM (state) PA (zip code) 19074

1. Year first used PERHAPS BEFORE 1973 TOO 1973 (10-11)
2. Year last used (enter "79" if still in use) 1976 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	/	(37)
pickling liquor	1	(38)
metal plating waste	1	(39)
circuit etchings	1	(40)
organic acid manufacture	1	(41)
Base solutions, with pH > 12	1	(42)
caustic soda manufacture	1	(43)
nylon and similar polymer generation	1	(44)
scrubber residual	1	(45)
Heavy metals & trace metals (bonded organically & inorganically)	1	(46)
arsenic, selenium, antimony	1	(47)
mercury	1	(48)
iron, manganese, magnesium	1	(49)
zinc, cadmium, copper, chromium (trivalent)	1	(50)
chromium (hexavalent)	1	(51)
lead	1	(52)
Radioactive residues, > 50 pico curies/ gram	1	(53)
uranium residuals & residuals for UFG recycling	1	(54)
lanthanide series elements and rare earth salts	1	(55)
phosphate slag	1	(56)
thorium	1	(57)
radium	1	(58)
other alpha, beta & gamma emitters	1	(59)
Organics.....	1	(60)
insecticides & intermediates	1	(61)
herbicides & intermediates	1	(62)
fungicides & intermediates	1	(63)
rodenticides & intermediates	1	(64)
halogenated aliphatics	1	(65)
halogenated aromatics	1	(66)
acrylates & latex emulsions	1	(67)
PCB/PBB's	1	(68)
amides, amines, imides	1	(69)
plasticizers	1	(70)
resins	1	(71)
elastomers	1	(72)
solvents polar (except water)	1	(73)
carbon tetrachloride	1	(74)
trichloroethylene	1	(75)
other solvents nonpolar	1	(76)
solvents halogenated aliphatic.....	1	(77)
solvents halogenated aromatic	1	(78)
oils and oil sludges	1	(79)
esters and ethers	1	(80)
alcohols	1	(81)
ketones & aldehydes	1	(82)
dioxins	1	(83)
Inorganics	1	(84)
salts	1	(85)
mercaptans	1	(86)
Misc.....	1	(87)
pharmaceutical wastes	1	(88)
paints & pigments	1	(89)
catalysts (eg. vanadium, platinum, palladium)	1	(90)
asbestos	1	(91)
shock sensitive wastes (eg. nitrated toluenes)	1	(92)
air water reactive wastes (eg. P ₂ , aluminum chloride)	1	(93)
wastes with flash point below 100°C F.....	1	(94)

1180

1180

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary: IND. CHEM. DIV.
Facility Name: DOMINGUEZ PLANT
Name of Hauling Firm/Contractor: WARRIOR VACUUM TRUCK SERVICE
Address: (no.) UNK (street) UNK
(City) UNK (State) UNK (zip code) UNK

1. Year first used BARROA 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) BARROA 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know):
FILL IN EVERY BLOCK SPACE

- | | | |
|--|---|------|
| Acid solutions, with pH < 3 | ✓ | (37) |
| pickling liquor | ✓ | (38) |
| metal plating waste | ✓ | (39) |
| circuit etchings | ✓ | (40) |
| inorganic acid manufacture | ✓ | (41) |
| organic acid manufacture | ✓ | (42) |
| Base solutions, with pH > 12 | ✓ | (43) |
| caustic soda manufacture | ✓ | (44) |
| nylon and similar polymer generation | ✓ | (45) |
| scrubber residual | ✓ | (46) |
| Heavy metals & trace metals (bonded organically & inorganically) | ✓ | (47) |
| arsenic, selenium, antimony | ✓ | (48) |
| mercury | ✓ | (49) |
| iron, manganese, magnesium | ✓ | (50) |
| zinc, cadmium, copper, chromium (trivalent) | ✓ | (51) |
| chromium (hexavalent) | ✓ | (52) |
| lead | ✓ | (53) |
| Radioactive residues, > 50 pico curies/gram | ✓ | (54) |
| uranium residuals & residuals for UF ₆ recycling | ✓ | (55) |
| lanthanide series elements and rare earth salts | ✓ | (56) |
| phosphate slag | ✓ | (57) |
| thorium | ✓ | (58) |
| radium | ✓ | (59) |
| other alpha, beta & gamma emitters | ✓ | (60) |
| Organics | ✓ | (61) |
| insecticides & intermediates | ✓ | (62) |
| herbicides & intermediates | ✓ | (63) |
| fungicides & intermediates | ✓ | (64) |
| rodenticides & intermediates | ✓ | (65) |
| halogenated aliphatics | ✓ | (66) |
| halogenated aromatics | ✓ | (67) |
| acrylates & latex emulsions | ✓ | (68) |
| PCB/PBB's | ✓ | (69) |
| amides, amines, imides | ✓ | (70) |
| plasticizers | ✓ | (71) |
| resins | ✓ | (72) |
| elastomers | ✓ | (73) |
| solvents polar (except water) | ✓ | (74) |
| carbontetrachloride | ✓ | (75) |
| trichloroethylene | ✓ | (76) |
| other solvents nonpolar | ✓ | (77) |
| solvents halogenated aliphatic | ✓ | (78) |
| solvents halogenated aromatic | ✓ | (79) |
| oils and oil sludges | ✓ | (80) |
| esters and ethers | ✓ | (81) |
| alcohols | ✓ | (82) |
| ketones & aldehydes | ✓ | (83) |
| dioxins | ✓ | (84) |
| Inorganics | ✓ | (85) |
| salts | ✓ | (86) |
| mercaptans | ✓ | (87) |
| Misc. | ✓ | (88) |
| pharmaceutical wastes | ✓ | (89) |
| paints & pigments | ✓ | (90) |
| catalysts (eg. vanadium, platinum, palladium) | ✓ | (91) |
| asbestos | ✓ | (92) |
| shock sensitive wastes (eg. nitrated toluenes) | ✓ | (93) |
| oil water reactive wastes (eg. P ₂ , aluminum chloride) | ✓ | (94) |
| wastes with flash point below 100° F. | ✓ | (95) |

1180

1180

Shell Oil Company • Shell Chemical Company

A Division of Shell Oil Company



Wilmington Manufacturing Complex
P. O. Box 6249
Carson, California 90749

Telephone (213) 835-5611

B. Duchie
July 16, 1981

02-WLR-WJ

U. S. Environmental Protection Agency
ATTN Mr. William D. Wilson
Region IX
Hazardous Materials Branch
215 Fremont Street
San Francisco, CA 94105

Gentlemen:

REFERENCE NO. CAS-000001458, CAS-000001444, AND CAS-000001454

In your letters of July 7, 1981 (attached), you asked us to describe the physical location of three hazardous waste sites identified in our submission of Notifications of Hazardous Waste Sites.

We have no information on the location of the Elkins Ranch site (CAS-000000144), other than the P. O. Box shown. "Routh" (CAS-000001458) and "California Salvage" (CAS-000001454) are incorrectly identified as hazardous waste sites. They are transporters and, therefore, should not have been included in our submission.

If there are any further questions, please contact me at (213) 835-5611.

Very truly yours,

R. A. O'Hare - Environmental
Conservation Manager

CCG:je

Attachments

bc: WHB/CG
RH
E/C File 3.9

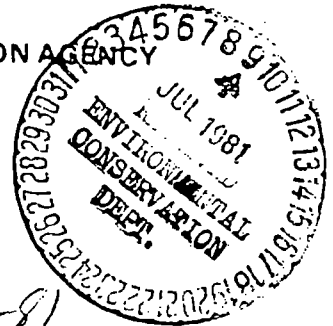
RECEIVED
U.S. E. S. 11-1-81
SEP 1 1981



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105



Date 7-7-81
Reference No. CA600001458

Dear Superfund Notification Respondent:

The U.S. Environmental Protection Agency (EPA) has received the information you filed pursuant to Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act (Superfund). We are hereby returning this document for the following reason:

- ☒ Essential information is missing or illegible.
Red circles indicate such items. *Need physical location or description*
- ☐ It cannot be determined whether your notification was legally required or whether you were not required to report the site for which you notified.
- ☐ You failed to sign and/or date the document.

Please provide the information requested either on the original document or on the blank form enclosed herein. Return the original document, this letter, and the new form (if necessary) no later than 8-7-81 ~~8-7-81~~

Your notification will be regarded as late if you do not resubmit this information by the above date. If you have any questions on providing this information, please call Ms. Penny Williamson at (415)556-7030.

Sincerely,

William D. Wilson
Hazardous Materials Branch

F Waste Quantity: Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1. <input type="checkbox"/> Piles 2. <input type="checkbox"/> Land Treatment 3. <input type="checkbox"/> Landfill 4. <input type="checkbox"/> Tanks 5. <input type="checkbox"/> Impoundment 6. <input type="checkbox"/> Underground Injection 7. <input type="checkbox"/> Drums, Above Ground 8. <input type="checkbox"/> Drums, Below Ground 9. <input checked="" type="checkbox"/> Other (Specify) <u>Unknown</u>	Total Facility Waste Amount cubic feet _____ gallons <u>8400 G</u> Total Facility Area square feet _____ acres <u>Unknown</u>
--	---	--

G Known, Suspected or Likely Releases to the Environment:
Place an X in the appropriate boxes to indicate any known, suspected, ☒ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager
Street Same as A P.O. Box 6249
City CHARSON State CA Zip Code 95749
Signature TE Innocenzi Date 4/4/81

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☒ Other



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105



Date

7-7-81
Reference No. CA500001444

Dear Superfund Notification Respondent:

The U.S. Environmental Protection Agency (EPA) has received the information you filed pursuant to Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act (Superfund). We are hereby returning this document for the following reason:

- ☒ Essential information is missing or illegible.
Red circles indicate such items.
- ☐ It cannot be determined whether your notification was legally required or whether you were not required to report the site for which you notified.
- ☐ You failed to sign and/or date the document.

Please provide the information requested either on the original document or on the blank form enclosed herein. Return the original document, this letter, and the new form (if necessary) no later than 8-7-81 to:

Your notification will be regarded as late if you do not resubmit this information by the above date. If you have any questions on providing this information, please call Ms. Penny Williamson at (415)556-7030.

Sincerely,

William D. Wilson
Hazardous Materials Branch

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

810608 CAS 000 001 444

Name Shell Oil Company
Street P.O. Box 6249
City Carson State CA Zip Code 90749

Name of Site Elkins Ranch
Street P.O. Box 695
City Fillmore County _____ State CA Zip Code 92015

Name (Last, First and Title) O'Hare, Richard; Envir. Cons. Mgr.
Phone (213) 835-5611

From (Year) 1968 To (Year) 1971

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify) Petroleum Refinery
Operations

[illegible]

10 JUN 1981

6611

66028 ~~(44-2)~~

F Waste Quantity:
Place an X in the appropriate boxes to indicate the facility types found at the site.
In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

- ☐ Piles
- ☐ Land Treatment
- ☐ Landfill
- ☐ Tanks
- ☐ Impoundment
- ☐ Underground Injection
- ☐ Drums, Above Ground
- ☐ Drums, Below Ground
- ☒ Other (Specify) Unknown

Total Facility Waste Amount
cubic feet _____
gallons 890,190 G

Total Facility Area
square feet _____
acres Unknown

G Known, Suspected or Likely Releases to the Environment:
Place an X in the appropriate boxes to indicate any known, suspected, ~~or~~ Don't know ☐ Known ☐ Suspected ☐ Likely ☐ None or likely releases of wastes to the environment.

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. E. Innocenzi, Manager ☐ Owner, Present
Street P.O. Box 0249 ☐ Owner, Past
Same as A ☐ Transporter
City CARSON State CA Zip Code 90749 ☐ Operator, Present
Signature TE Innocenzi Date 6/4/81 ☐ Operator, Past
☒ Other

FORM C: HAULER INFORMATION

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1960.

DO NOT USE 1-5

Company Name:
Division/Subsidiary:
Facility Name:

Name of Firm or Contractor

Address

ICC #
(If known)
CWC
TII5960

Years 1960

Name of Firm or Contractor	Address	ICC # (If known)	CWC	TII5960	Years 1960
INDUSTRIAL TRANSPORTATION SERVICES	217 N. LAGUNA AVE WILM. CAL. 90714				
CHANCELLOR					
GROUPY					
WH HUTCHISON					
WESTERN					
ROUTE TRANSPORTATION					
JC CARRASCO					
FIX					
HARBOR VACUUM TRUCK SERVICE					
CARRASCO VACUUM TRUCK SERVICE					



SHELL OIL COMPANY

REFERENCE

VIII. F.

DATE JUNE 1, 1979

TO HEAD OFFICE - ENVIRONMENTAL
CONSERVATION - OPERATIONSFROM MANAGER - WILMINGTON
MANUFACTURING COMPLEXSUBJECT WILMINGTON WASTE DISPOSAL
SITE SURVEY

Please refer to your memorandum of May 7, 1979 requesting a review of Waste Disposal practices for Chemical Manufacturing (Oxygenated Solvents) at this location.

Records of Waste Disposal are currently available for 1973 to date with respect to carrier, quantity and a description of the waste. Information as to disposal site is less complete, but sufficient to point to most, if not all, sites used.

Waste products from this location are considered to be relatively non-toxic. Since operations at this location have not changed significantly either in nature nor throughput since 1950, the wastes disposed of prior to 1973 should not differ significantly from recent wastes. They too should be considered to be relatively non-toxic.

Prior to 1969, our solvents plant waste water was processed with refinery waste water; hence, no effluent sludge was isolated. Also prior to 1969, wastes consisted of an occasional load of sludge from a 67% sulfuric acid storage tank, sludge from solvent tanks being prepared for inspection and repairs; also, from time to time, sludge from the forebay of a cooling water tower. At the most, this would probably amount to less than 100 tons in any year prior to 1969.

In 1969, the process waste water from the solvents operation was segregated, processed to remove solids (effluent sludge) and ultimately introduced to the Los Angeles County Sanitary Sewer System for further treatment.

A review of our worksheets for recent years shows the greatest part of the waste is this effluent sludge, a moderately alkaline emulsion of water, oil, hydrated metallic oxides, such as, iron hydroxide, calcium hydroxide, magnesium hydroxide, and perhaps traces of alcohols and ketones.

We have prepared a form "A" for 1978, (5) form "B's", pages 1 and 2, for known disposal sites, form "C", covering haulers named in our records for 1973 to 1978, and haulers possibly used prior to 1979 based on recollections of employees in responsible positions prior to 1973.

We also have prepared (10) form "D's", "Supplemental Hauler Information," for haulers named in our records and those possibly used before 1973 as well.

In addition to the waste disposal sites covered by the Form "B", there are a number of other local sites that have been active in this area in past years. We have no evidence that these were disposal sites for wastes from this location.

Other possible disposal sites include the following:

Adams Dump	213 & Delores
Main Street Dump	Main & San Diego Freeway
Harwick Dump	South of Shell Wilmington Refinery
Port Disposal Company	Wilmington
Cherokee Disposal Company	Paramount (Crosby & Overton)
Blinn Street Dump	Wilmington

If further information or clarification of any of the data provided is needed, it would probably be expedient to direct questions directly to R. O'Hare, SSN 629-1526.

Original Signed By

T. E. INNOCENZI

T. E. Innocenzi

Enclosure

bc: JWA/WHB/RBT
RH/KHT
E/C File 3.34 (Attachments)

WASTE DISPOSAL 1973

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BLS</u>	<u>DESCRIPTION</u>
Hutchinson & Sons Inc.	PALOS VERDES	130	Sludge Ex 67H ₂ SO ₄ Storage
Hutchinson & Sons Inc	PALOS VERDES	75	Used Soda Lime (Drums)
Hutchinson & Sons Inc.	BASIN BY-PRODUCTS CO.	25	67% Sulfuric Acid
Hutchinson & Sons Inc.	---	300	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge

WASTE DISPOSAL 1974

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Hutchinson & Sons Inc.	PALOS VERDES	80	Sludge Ex CW Tower
Hutchinson & Sons Inc.	PALOS VERDES	25	Used Soda Lime (Drums)
Hutchinson & Sons Inc.	PALOS VERDES	81	Super Ex CW Tower
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	310	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	110	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	CALIF SALVAGE	200	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	---	210	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge

WASTE DISPOSAL 1974 Cont'd

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	110	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	115	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	---	110	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Effluent Sludge
Hutchinson & Sons Inc.	CALIF SALVAGE	110	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	110	Effluent Sludge

JUL-08-'92 WED 14:24 ID:SHELL OIL ENJ CON TEL NO:1-310-816-2327 H993 P07

WASTE DISPOSAL 1975

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Hutchinson & Sons Inc.	PALOS VERDES	110	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc	----	50	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc.	----	50	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc.	CALABASAS	100	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	CALABASAS	100	Effluent Sludge

WASTE DISPOSAL 1976

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	130	Sludge Ex 672 H ₂ SO ₄ Storage
Hutchinson & Sons Inc.	BKK CO., WEST COVINA	230	Sludge Ex Crude IPA Storage
Hutchinson & Sons Inc.	CALABASAS	100	Effluent Sludge
Hutchinson & Sons Inc.	---	100	Used Soda Lime (Drums)
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Western Refuse	PALOS VERDES	100	Used Soda Lime Catalyst (Drums)

H993 P08

TEL NO: 1-310-816-2327

ID: SHELL OIL ENJ CON

JUL-08-'92 WED 14:25

WASTE DISPOSAL 1977

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Crosby & Overton	BKK CO., WEST COVINA	135	Sludge Ex 67% H ₂ SO ₄ Storage
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	120	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	100	Sludge Ex 67% H ₂ SO ₄ Storage
Crosby & Overton	---	100	Water Wash Effluent Sludge
Crosby & Overton	---	200	Sludge Ex 67% H ₂ SO ₄
Crosby & Overton	---	200	Hydroblast Effluent Sludge Tank
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton	---	100	Effluent Sludge
Crosby & Overton	---	100	Effluent Sludge
Industrial Transportation	PALOS VERDES	100	Effluent Sludge

WASTE DISPOSAL 1978

<u>HAULER</u>	<u>DISPOSAL SITE</u>	<u>QUANTITY, BBLs</u>	<u>DESCRIPTION</u>
Crosby & Overton	---	100	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	100	Tank Residue Ex 49% NeOH
Crosby & Overton	BKK CO., WEST COVINA	100	Effluent Sludge
Industrial Transportation	BKK CO., WEST COVINA	100	Effluent Sludge
Industrial Transportation	PALOS VERDES	100	Effluent Sludge

H993 P10

TEL NO: 1-310-816-2327

ID: SHELL OIL ENV CON

JUL-08-'92 WED 14:27

November 15, 1983

MANAGER HEALTH, SAFETY, AND ENVIRONMENTAL -
WESTERN DISTRIBUTION AREA - ANAHEIM

Hal -

Confirming our discussion regarding the CERCLA hazardous waste site modification, please find attached a report sent to EPA by the Marketing Engineering Manager. As I have advised, Mr. Calabra of DEQ has not called me back and, to the best of my knowledge, has not called Alex Karlin.

Attach.

Records

B. L. Dougan

B. L. DOUGAN

Shell Oil Company



1100 Milam
P.O. Box 3105
Houston, Texas 77001

June 5, 1981

U.S. EPA Region 10
Sites Notification
Seattle, Washington 98101

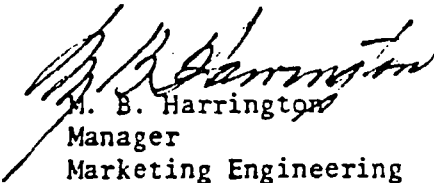
Gentlemen:

REPORTING OF HAZARDOUS WASTE SITES UNDER CERCLA
U.S. EPA REGION
SHELL OIL COMPANY MARKETING DISTRIBUTION TERMINALS

Enclosed herewith please find Attachment A which describes Shell Oil Company's hazardous waste disposal activity on-site and off-site, with respect to existing and closed marketing distribution terminals, as required by Section 103(c) of CERCLA.

Attachment A represents Shell's good-faith effort to present all reasonably available data to the E.P.A. by the June 9, 1981 deadline. To the best of our knowledge, the information presented on Attachment A is complete and accurate.

Respectfully,


M. B. Harrington
Manager
Marketing Engineering

Enclosures

WILLIAMS PLANT	
NOV 14 1983	
BLD <u>1</u>	CFG <u> </u>
JJM <u> </u>	LCH <u> </u>
MAS <u> </u>	CJC <u> </u>
QDM <u> </u>	DAL <u> </u>
JEO <u>2</u>	JJS <u> </u>
HANDLE <u> </u>	
FILE <u>3</u>	

NOTIFICATION OF HAZARDOUS WASTE SITES UNDER CERCLA

U.S. EPA REGION 10

The following describes Shell Oil Company's hazardous waste disposal activity on-site and off-site, with respect to marketing distribution terminals, as required by Section 103(c) of CERCLA:

- A. Existing Shell-operated marketing distribution terminals at which reportable quantities of hazardous wastes are being or have been treated, stored (for more than 90 days) or disposed:

Shell Willbridge Plant
Portland, Oregon
(refer to enclosed EPA Form #8900-1)

- B. Existing Shell-operated marketing distribution terminals which formerly engaged in refinery activities and at which reportable quantities of hazardous wastes have been treated, stored (for more than 90 days) or disposed:

None

- C. Former Shell-operated marketing distribution terminals at which reportable quantities of hazardous wastes have been treated, stored (for more than 90 days) or disposed:

None

- D. Off-site waste disposal facilities to which hazardous wastes, generated at Shell-operated marketing distribution terminals, were taken via Shell transport:

<u>Location Generating Waste</u>	<u>Waste Disposal Site</u>	<u>Waste Type</u>	<u>Waste Quantity</u>	<u>Transfer Date</u>
Shell Willbridge Plant Portland, Oregon	St. Johns Landfill Portland, Oregon	Caustic cleaners, gas addi- tive, ketones, solvents, avgas	60-70bbls.-- Total	



Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name SHELL OIL COMPANY
Street ONE SHELL PLAZA
City HOUSTON State TEXAS Zip Code 77001

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site SHELL OIL COMPANY, WILLBRIDGE PLANT
Street 5880 N.W. ST. HELENS ROAD
City PORTLAND County MULTNOMAH State ORE Zip Code 97210

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) SCHULZ, HAROLD / AREA ENVIRONMENTAL MGR
Phone (415) 820-7008

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1954 To (Year) 1955

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☒ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
PETROLEUM BULK
TERMINAL ACTIVITY

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

F Waste Quantity: Place an X in the appropriate box to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	Facility Type 1. <input type="checkbox"/> Piles 2. <input checked="" type="checkbox"/> Land Treatment 3. <input type="checkbox"/> Landfill 4. <input type="checkbox"/> Tanks 5. <input type="checkbox"/> Impoundment 6. <input type="checkbox"/> Underground Injection 7. <input type="checkbox"/> Drums, Above Ground 8. <input type="checkbox"/> Drums, Below Ground 9. <input type="checkbox"/> Other (Specify) _____	Total Facility Waste Amount cubic feet _____ gallons <u>UNKNOWN</u> Total Facility Area square feet <u>500 sq ft</u> acres _____
--	--	---

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☐ None
☒ Don't know

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name <u>HAROLD J SCHULTZ</u> Street <u>2401 CROW CANYON RD</u> City <u>SAN RAMON</u> State <u>CA</u> Zip Code <u>95483</u> Signature <u>[Signature]</u> Date <u>May 23, 1981</u> <u>for Shell Oil Company</u>	<input checked="" type="checkbox"/> Owner, Present <input type="checkbox"/> Owner, Past <input type="checkbox"/> Transporter <input checked="" type="checkbox"/> Operator, Present <input type="checkbox"/> Operator, Past <input type="checkbox"/> Other
---	--

NOTIFICATION OF HAZARDOUS WASTE SITE - - SHELL PLANT

PLANT LOCATION (CITY/STATE):

PORTLAND, OREGON

PREPARED BY (NAME/TITLE):

J. L. FLETCHER
SR. PLANT ENGINEER

- Part A ☒ To the best of my knowledge, there have been no incidents or occurrences at the plant regarding treatment, storage or disposal of hazardous wastes which would not be covered by the statement regarding common industry practices in the past.

Additional Information, If Known:

- (1) Location of disposal _____
- (2) Amount of hazardous waste disposed _____
- (3) Type of hazardous waste disposed _____
- (4) Is migration of hazardous waste occurring Known ☐ Suspected ☐ Likely ☐ None ☐ Unknown ☐
- (5) Other remarks _____

- Part B ☒ To the best of my knowledge, no hazardous wastes, in excess of 55 gallons, are being or have been treated, stored (for more than 90 days) or disposed of at this plant.

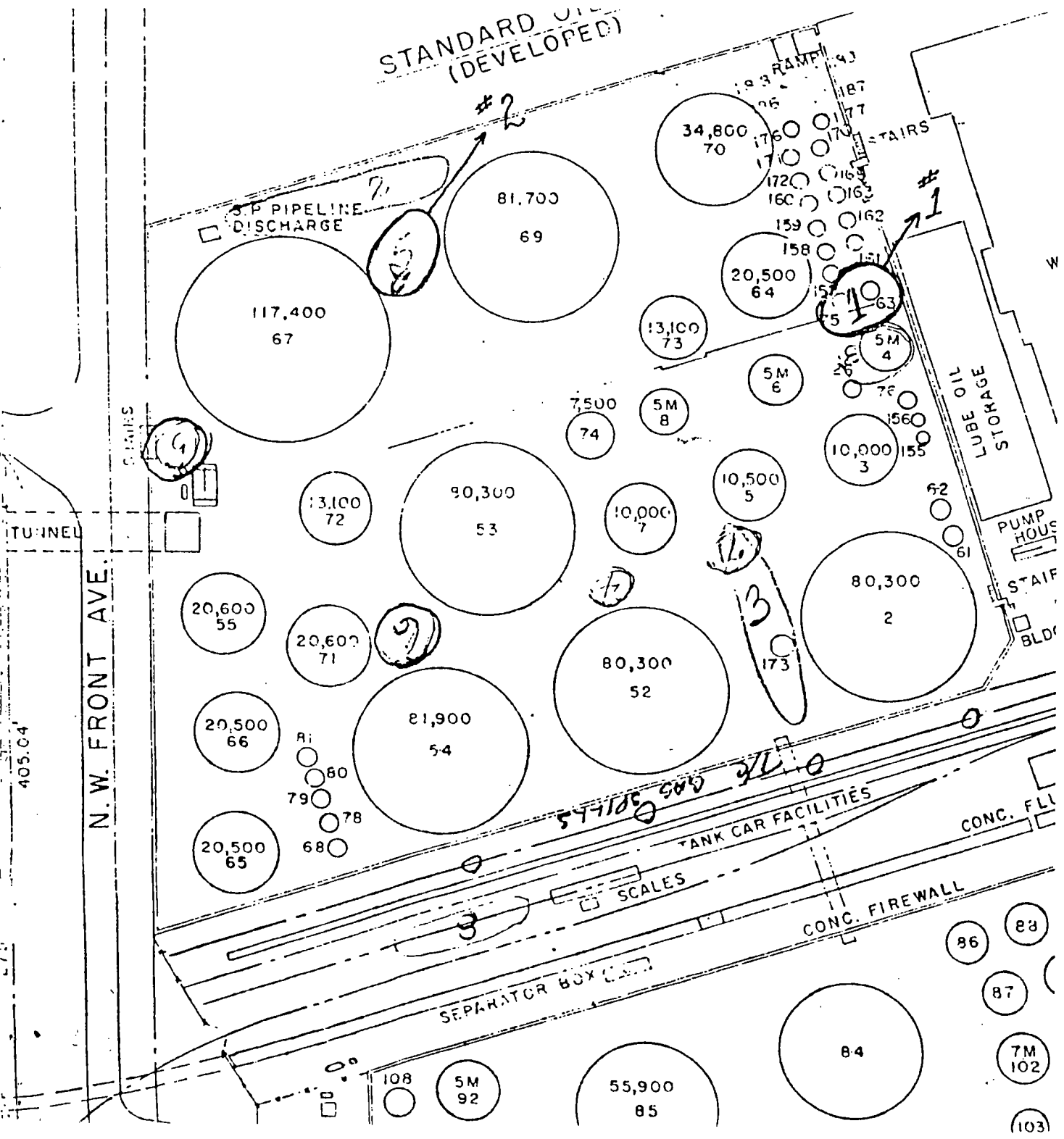
- Part C If Shell vehicles were used to transport hazardous wastes to an off-site facility, provide name and location of facility. ST JOHN'S LANDFILL - PORTLAND, ORE SEE BELOW

- Part D The following must be completed, to the extent possible, for incidents and occurrences not covered by the general statement regarding common industry practices.

				RELEASES TO ENVIRONMENT				
<u>WASTE TYPE</u>	<u>WASTE AMOUNT</u>	<u>LOCATION WITHIN PLANT</u>	<u>METHOD OF DISPOSAL AND AREA OF DISPOSAL</u>	Known	Suspected	Likely	None	Unknown
1 DIESEL MIX	2400 GALS	{ SEE ATTACHED PLOT PLAN }	OPEN PIT					
" "	UNKNOWN		" "	" "				

PART C - 60-70 BBL'S OF CAUSTIC CLEANERS - T.C.P. - KETONES - USED 140 SOLVENTS AND OFF SPEC 100 AUGAS - HAIKED BY SHELL TANK -

STANDARD OIL
(DEVELOPED)



02-0000-000



Shell Oil Company
Interoffice Memorandum

MAY 27, 1981

FROM: J. A. MULLINS

TO: NOTE TO FILE

SUBJECT: CERCLA REPORTING UNDER 103(C) FOR THE ST. HELENS, VENTURA
AND PRINCETON PLANTS

Based on discussions with individuals associated with the subject plants' operations, I have concluded that there were no RCRA hazardous wastes disposed of from these locations. In the case of Princeton, small quantities of Part C chemicals may have been disposed of as mixed laboratory wastes in 5 gallon pails. It was concluded that these do not require re-reporting.

cc: Messrs. R. H. Dreith
T. R. Williams
HS&ES-IS(2)

RECEIVED
H.S. & E. DEPT.
MAY 28 1981

02-MER-WJ

Shell Oil Company



P. O. Box 711
Martinez, California 94553
Telephone: 228-6161

June 2, 1981

T.R. Williams

Central Contra Costa Sanitary District
ATTN Mr. Aubrey Russel
P. O. Box 5266
Walnut Creek, CA 94596

Gentlemen:

This is further to telephone conversation between our Mr. J. R. Hanson and Mr. Aubrey Russel on May 28, 1981.

The Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) mandates in Section 103(c) that EPA be notified by June 9, 1981, of the existence of sites where hazardous wastes have been disposed of. A copy of CERCLA background material is attached as requested by Mr. Russel.

In 1966, a contractor removed some waste materials from our property while preparing a site for a storage tank. Some of the waste was hauled to the site of your treatment plant. Under current regulations this waste may be classified as hazardous waste.

To be fully responsive to the intent of this regulation we are reporting all sites which we are aware of having received wastes from our plant, although we may not necessarily be obligated to do so by the regulation. A copy of our report to EPA is attached.

Should you wish any further information please contact J. R. Hanson at 228-6161

Very truly yours,

R.F. Andrews

R. F. Andrews
Technical Superintendent
Martinez Manufacturing Complex

RECEIVED
U.S. & E SUPPORT
INFORMATION SERVICES
JUN 3 1 07 PM '81

Attachments

bc: Manager - Environmental Conservation - Operations - Head Office

THIS COPY FOR



The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 PL 96-510 (commonly known as Superfund) mandates in Section 103(c) that certain persons notify the U.S. Environmental Protection Agency (EPA) by June 9, 1981 of the existence of sites where hazardous wastes from industries, businesses, governments, hospitals, and other sources are stored, treated, or disposed of.

Persons who believe they are required to notify have requested that EPA develop and distribute forms and accompanying guidance material in order that respondents can more easily comply with the new law. This in turn, will ensure that information submitted to EPA will be both consistent and useful.

Those required to notify must inform EPA that the site exists and provide details on its location, the amount and type of any hazardous wastes to be found there, and any known, suspected or likely releases of such wastes from the site. All of this information can be provided by completing the enclosed EPA Form 8900-1, Notification of Hazardous Waste Site. The notification form should be mailed to the EPA Regional Office serving the State in which the site is located by June 9, 1981.

The enclosed packet also includes the following:

- General Information
- A list of EPA Region mailing addresses and information telephone numbers
- Instructions for filling out the form

Receipt of this packet does not necessarily mean that you are required to notify. For example, certain locations (such as gasoline service stations and dry cleaning plants) which accumulated hazardous wastes only as a result of minor leakage or spillage that occurred in the course of normal operations are not expected to notify. To determine if you must notify please read the General Information portion of the notification packet.

EPA believes that those legally required to notify may not be able to identify every hazardous waste site. Therefore, we encourage the general public to fill out the notification form if they know of sites which otherwise might not be reported. This is most applicable to sites that are abandoned or where midnight dumping has occurred and where government investigators are not likely to know of the site.

These forms, along with other efforts EPA has underway, should help to compile a national inventory of hazardous waste sites. With this inventory, EPA and State and local governments can do a better job of remedying the problems created by uncontrolled hazardous waste disposal. If you have any questions regarding the notification process, please contact the EPA Region serving the State in which the site is located. We thank you for your cooperation.

Sincerely Yours,

A handwritten signature in cursive script, reading "Walter C. Barber".

Acting Administrator
Environmental Protection Agency

General Information

The primary purpose of this notification program is to locate hazardous waste sites which treated, stored, or disposed of hazardous waste in the past and at which hazardous waste is still present. The most important information you can provide to EPA is the existence of a hazardous waste site and its location. For purposes of describing the hazardous waste to be found at a site, the quantities of such waste and the type of activity at a site, EPA is not requiring that you painstakingly document the information submitted. This information may be based on your knowledge, belief, recollection or reasonably available records.

Who Must Notify

Section 103(c) of Superfund requires that, unless exempted, the following must notify EPA:

- Any person who presently owns or operates a site where there are facilities that store, treat, or dispose of hazardous wastes.
- Any person who, at the time of disposal, owned or operated a site where there are facilities that store, treat, or dispose of hazardous wastes.
- Any person who accepted hazardous wastes for transport and selected a site where there are facilities that store, treat, or dispose of hazardous wastes.

Persons required to notify include individuals and private, public, and government entities.

Who Need Not Notify

1. Section 3010 of the Resource Conservation and Recovery Act (RCRA) requires any person who generates or transports hazardous wastes or who owns or operates a facility that treats, stores, or disposes of hazardous wastes to notify EPA of such activities. For purposes of this notification any person who notified under Section 3010 for one or more treatment, storage, or disposal facilities does not have to notify EPA again of those specific facilities. However, notification is required for facilities not previously reported under Section 3010 that are on or contiguous to sites reported under Section 3010.

2. A person does not have to notify of facilities that have qualified for Interim Status under RCRA.

3. Facilities at which less than 55 gallons (or 7.4 cubic feet) of hazardous wastes have been disposed are not subject to this notification requirement.

4. Locations where hazardous waste accumulated only as a result of minor leakage or spillage that occurred in the course of normal operations are not considered hazardous waste sites for purposes of this notification unless such accumulation may pose significant risk to human health and the environment.

5. Municipal landfills, town dumps and other facilities that receive household wastes only, are not subject to notification. Municipal landfills that received hazardous wastes, especially wastes in segregated shipments from industrial services, would be expected to notify.

6. Facilities at which hazardous wastes had been treated or stored and from which all those hazardous wastes have been removed so as to eliminate any risk to human health and the environment are not subject to this notification requirement.

7. The application of pesticide products registered under the Federal Insecticide, Fungicide and Rodenticide Act and the

handling and storage of such products by agricultural producers are not subject to this notification requirement. Sites at which pesticides have been disposed are subject to the notification requirement of Section 103(c). Farmers who have disposed of waste pesticide in a manner consistent with the disposal instruction on the pesticide label are not subject to this notification requirement.

8. Stoppage in transport of hazardous waste which is temporary, incidental to the transportation, or at the ordinary operating convenience of a common or contract carrier is not, for purposes of this notification, storage.

9. Certain facilities which handle hazardous wastes pursuant to RCRA are not subject to this notification requirement. They include:

- Product or raw material storage tanks and transportation vessels or vehicles which are presently in use are not considered hazardous waste storage facilities, even though hazardous waste may be generated in such units in the course of their use. This does not extend, however, to units which are no longer in use and in which hazardous waste remain.

- Short-term accumulation (90 days or less) of hazardous wastes by generators subject to RCRA regulations is not, for purposes of this notification, storage.

- Totally enclosed treatment facilities.

- Wastewater treatment tanks and neutralization tanks.

Wastes Subject To Notification

Wastes subject to notification under Superfund are listed or identified as hazardous in the regulations issued under Section 3001 of RCRA. You are not expected to sample wastes to determine if they are hazardous. Rather, you can use any knowledge you have of the wastes, including the materials or processes involved or the types of facilities that generate the wastes. You should notify about sites if you believe the wastes may be hazardous due to barrel label odors, health effects, or other indicators.

Polychlorinated biphenyls (PCBs) are not currently included within the RCRA Section 3001 regulations but are regulated under the Toxic Substances Control Act (TSCA). Consequently, notification of PCB treatment, storage, or disposal sites is not mandatory. However, in order to make this notification more comprehensive, EPA is requesting a voluntary notification of sites containing PCBs as part of this notification program.

Wastes Not Subject To Notification

The following wastes are not subject to notification under Section 103(c) of Superfund:

1. Solid wastes listed below not presently regulated as "hazardous waste" under RCRA.

- "Household waste", defined as any waste material (including garbage, trash, and sanitary wastes in septic tank derived from households (including single and multiple residences, hotels, and motels):

- Solid wastes generated in any of the following and returned to the soil as fertilizers:

- The growing and harvesting agricultural crops.

- The raising of animals, including animal manure.

- Mining overburden returned to the mine site.

- Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from combustion of coal or other fossil fuels.

- Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas, or geothermal energy.

- Solid waste from extraction, beneficiation and processing of ores or minerals, including phosphate rock and overburden from the mining of uranium ore.

- Cement kiln dust waste.

2. Natural gas, natural gas liquids, liquefied natural gas, synthetic gas usable for fuel or mixtures of natural gas and such synthetic gas).

3. Petroleum, including crude oil or any fraction thereof which is not specifically listed under RCRA.

Penalties

Any person convicted of knowingly failing to notify may be fined not more than \$10,000 or imprisoned for not more than 1 year, or both. In addition, violators shall not be entitled to the protections of the liability provisions of Section 107 of Superfund. Information received under Section 103(c) will not be

used against any person in any criminal case, except a prosecution for perjury or for giving a false statement.

What Information Should Be Filed

When filing a notification, you must indicate the site location, specify the amount and type of any hazardous wastes to be found there, and show any known, suspected, or likely releases of such wastes from the site. You can provide all this information by completing and mailing the enclosed EPA Form 8900-1, Notification of Hazardous Waste Site.

The 53 chemical companies who submitted extensive facility information in previous responses to a survey conducted by the House Interstate and Foreign Commerce Committee in 1979 ("Waste Disposal Site Survey Directory"—Committee Print 96-IFC 33 published October 1979), may choose to

- complete Form 8900-1, or
- submit to EPA the information provided to the House Committee, updating and supplementing it as necessary to provide the information requested in Form 8900-1.

How Many Forms Should Be Filed

You should provide one notification form per site, whether the site has one or more treatment, storage, or disposal facilities within its boundary (see facility and site definitions).

When to File

Envelopes must be postmarked no later than June 9, 1981.

Acknowledgement

EPA will send you a postcard acknowledging receipt of your notification.

Confidential Information

Industrial and commercial organizations may be concerned about public disclosure of information that they report. All information reported in a notification other than trade secrets can be disclosed to the public, according to the Freedom of Information Act and EPA Freedom of Information Regulations. Because notification information is very general, EPA believes that it is unlikely that information reported qualifies for protection from disclosure as trade secrets.

However, if you wish to claim confidentiality, print the word "confidential" on both sides of the Notification Form and any attachments. EPA

encourages you to substantiate your claim at the time of notification by providing written answers to each of the questions listed below. Otherwise EPA may send you promptly on receipt of notification requesting substantiation within 15 working days.

1. Which portions of the information do you claim are entitled to confidential treatment?
2. How long do you want this information treated confidentially?
3. What measures have you taken to guard against undesired disclosures of the information to others?
4. To what extent has the information been disclosed to others, and what precautions have you taken in connection with those disclosures?
5. Has EPA or any other Federal Agency made a pertinent confidentiality determination? (If so, include copy of this determination or reference to it, if available.)
6. Will disclosure of the information be likely to substantially harm your competitive position? If so, what would the harm be, and why should it be viewed as substantial? What is the relationship between disclosure and the harm?

Where to File

EPA Region Address Area and Information Telephone Numbers

US EPA Region 1 Sites Notification Boston, MA 02203	617-223-0090 617-223-0214	Massachusetts Maine, Rhode Island Connecticut, New Hampshire, Vermont
US EPA Region 2 Sites Notification New York, NY 10007	212-264-1573	New Jersey, New York, Virgin Islands, Puerto Rico
US EPA Region 3 Sites Notification Philadelphia, PA 19106	215-597-8751	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
US EPA Region 4 Sites Notification Atlanta, GA 30308	404-881-2234	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee
US EPA Region 5 Sites Notification Chicago, ILL 60604	312-886-3500	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

EPA Region Address Area and Information Telephone Numbers

US EPA Region 6 Sites Notification Dallas, TX 75270	214-767-4075	Arkansas, Louisiana, New Mexico Oklahoma, Texas
US EPA Region 7 Sites Notification Kansas City, MO 64106	816-374-6864	Iowa, Kansas, Missouri, Nebraska
US EPA Region 8 Sites Notification Denver, CO 80295	800-332-3321 800-525-3022	Colorado Montana, North Dakota, South Dakota, Utah, Wyoming
US EPA Region 9 Sites Notification San Francisco, CA 94105	415-556-1407	Arizona, California, Hawaii, Nevada, Guam, American Samoa, Common- wealth of the Northern Marianas
US EPA Region 10 Sites Notification Seattle, WA 98101	800-732-9319 800-426-9947	Washington Alaska, Idaho, Oregon

Definitions

The following definitions may assist you in completing the notification form.

Act: the "Comprehensive Environmental Response, Compensation, and Liability Act of 1980" (Superfund).

Administrator: the Administrator of the United States Environmental Protection Agency.

Disposal: the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

Environment: (A) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Fishery Conservation and Management Act of 1976, and (B) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States.

Facility: (A) any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle rolling stock, or aircraft, or (B) any site or area where a hazardous waste has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel (for purposes of this notification, (A) is most applicable).

Hazardous Waste: for purposes of this notification requirement means any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA (but not including any waste the regulation of which under RCRA has been suspended by Act of Congress).

Owner or Operator: (A) in the case of an onshore facility, any person owning or operating such facility, and (B) in the case of any abandoned facility, any person who owned, operated, or otherwise controlled activities at such facility immediately prior to such abandonment.

Person: an individual, firm, corporation, association, partnership, consortium, joint

venture, commercial entity, United States Government, State, municipality, commission, political subdivision of a State or any interstate body.

Release: any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment.

Site: the location at which hazardous wastes were stored, treated, or disposed of by persons required to notify under Section 103(c). This includes all contiguous land, structures, other appurtenances, and improvements on the land, used for treating, storing, or disposing of hazardous wastes. A site may consist of several treatment, storage, or disposal facilities.

Storage: the holding of hazardous waste for a temporary period at the end of which the hazardous waste is treated, stored, or disposed elsewhere.

Transport or Transportation: the movement of a hazardous substance by any mode, including pipeline (as defined in the Pipeline Safety Act), and in the case of a hazardous substance which has been accepted for transportation by a common or contract carrier, the term "transport" or "transportation" shall include any stoppage in transit which is

temporary, incidental to the transportation movement, or at the ordinary operating convenience of a common or contract carrier, and any such stoppage shall be considered continuity of movement and not as the storage of a hazardous waste.

Treatment: any method, technique, or process, including neutralization, designed to change the physical, chemical or biological character or composition of any hazardous waste to neutralize such waste, or so as to recover energy or material resources from the waste, or to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of or amenable for recovery, or storage, or reduced in volume. Such term includes any activity or processing designed to change the physical form or chemical composition of hazardous waste so as to render it nonhazardous.

Waste Quantity: the actual or estimated size of the area affected (such as square feet or acres) and/or amount of waste (such as gallons or cubic feet) for the various treatment, storage or disposal facilities used at a site.

Waste Type: the type of hazardous substance that has been treated, stored, or disposed at a site.



Official Business
Penalty for Private Use
\$300

First-Class Mail
Postage and Fees Paid
EPA
Permit No. G-35

United States
Environmental Protection
Agency

Office of Hazardous
Emergency Response WH-548
Washington DC 20460

CAD066676123
SHELL OIL CO WILMINGTON MFG CO
P O BOX 6249
CARSON

CA 90749



Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name _____
Street _____
City _____ State _____ Zip Code _____

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site _____
Street _____
City _____ County _____ State _____ Zip Code _____

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) _____
Phone _____

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) _____ To (Year) _____

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☐ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify) _____

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☐ Other (Specify) _____

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amount

cubic feet _____

gallons _____

Total Facility Area

square feet _____

acres _____

Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☐ None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required

Name _____

Street _____

City _____

State _____

Zip Code _____

Signature _____

Date _____

- ☐ Owner, Present
- ☐ Owner, Past
- ☐ Transporter
- ☐ Operator, Present
- ☐ Operator, Past
- ☐ Other

FINAL

11111 (1-5)
(DO NOT USE)

6/5/79

FORM A: GENERAL FACILITY INFORMATION

E.C. 2/6/79

Company Name: SHELL OIL COMPANY

Division/Subsidiary SHELL CHEMICAL COMPANY

Facility Name: TORRANCE PLANT (CLOSED 1972)

Address: INTERSECTION OF HARBOR AND SAN DIEGO FREEWAYS (280 ACRES) 408

No. Street

LOS ANGELES, CALIFORNIA

City

State

Zip Code

Name of Person Completing Form: R. J. Trautner

Position: STAFF ENGINEER, ENVIRONMENTAL Conservation - Shell Oil Company

Phone Number: (713) 241-4703

1. Year Facility Opened SHELL PURCHASED PROPERTY IN 1955 19 5 5 (10-11)
U.S. GOVERNMENT OWNED FROM 1943-19552. Primary SIC Code 2 8 2 2 (12-15)
RUBBER (SBR)

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:

USE ONLY TONS IF POSSIBLE - right justify response

FACILITY CLOSED IN thousand gallons 0 0 0 0 0 0 0 0 0 0 (16-24)

1972

hundred tons 0 0 0 0 0 0 0 0 0 0 (25-32)

thousand cubic yards 0 0 0 0 0 0 0 0 0 0 (33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill 0 0 0 (42-44)

in pit/pond/lagoon 0 0 0 (45-47)

in deep well 0 0 0 (48-50)

incinerated 0 0 0 (51-53)

reprocessed/recycled 0 0 0 (54-56)

evaporated 0 0 0 (57-59)

unknown 0 0 0 (60-62)

other (Specify) 0 0 0 (63-65)

(1) 5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950? 0 0 9 (66-68)(1)

COMPLETE ONE FORM "B" FOR EACH OF THE SITES

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (yes=1; no=2) 1 0 9

IF YES, COMPLETE FORM "C"

(1) 7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (yes=1; no=2) 2 (70)(1)

IF NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR WHO TOOK WASTE TO AN UNKNOWN LOCATION

8. Specify the earliest year represented by information from company or facility records supplied on this and other forms 19 1 1 (71-72)(2)

9. Specify the earliest year represented by information from employee knowledge supplied on this and other forms 19 5 5 (73-74)

(1) MOST OF THE PROCESS WASTES (90+%) ARE COVERED BY FORMS BCD BUT INFORMATION IS NOT AVAILABLE FOR ALL WASTES.

(2) INFORMATION FROM EMPLOYEES - NO RECORDS AVAILABLE.

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICALFacility Name: TORRANCE PLANT (CLOSED 1972)Name of Site: SANITATION DISTRICT LANDFILL NO. 1 (PALOS VERDES)

Address of Site:

no. street

ROLLING HILLS, CALIFORNIA

city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY

Address:

no. street

city state zip code

Current Owner (if different from above):

Address:

no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
IF CLOSED, specify year closed 19 (13-14)
4. Year first used for process waste from this facility 19 55 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons (27-33) (1)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 9 (42)
landfill, mixed industrial waste 9 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... 1 (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify) 9 (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

- (1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS 1 LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED, HOWEVER RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM B: DISPOSAL SITE INFORMATION

FINAL

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 (1-5)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICALFacility Name: TORRANCE CALIFORNIA PLANTName of Site: SANITATION DISTRICT LANDFILL NO. 5 (CALABASAS)

Address of Site:

no. street

AGOURA, CALIFORNIA

city

state

zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY

Address:

no. street

city

state

zip code

Current Owner (if different from above):

Address:

no. street

city

state

zip code

1. Location (1= the property on which facility is located; 2= off-site)..... ☒ (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) ☒ (11)
3. Current status (1= closed; 2= still in use; 9=don't know) ☒ (12)
IF CLOSED, specify year closed 19 ☐ ☐ (13-14)
4. Year first used for process waste from this facility 19 ☐ ☐ (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 ☒ ☒ (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (19-26)
Right justify response hundred tons ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 0 (27-33) (1)
thousand cubic yards ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste ☒ (42)
landfill, mixed industrial waste ☒ (43)
landfill, drummed waste ☒ (44)
landfill, municipal refuse co-disposed ... ☒ (45)
pits/ponds/lagoons ☒ (46)
deep well injection ☒ (47)
land farming ☒ (48)
incineration ☒ (49)
treatment (eg. neutralizing)..... ☒ (50)
reprocessing/recycling ☒ (51)
other (specify) ☒ (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) ☒ (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

- (1) MOST OF THIS PROCESS WASTE (60,000) OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS 1, LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED: HOWEVER, RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM C: HAULER INFORMATION

DO NOT USE (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY
 Division/Subsidiary SHELL CHEMICAL COMPANY
 Facility Name: TORRANCE CALIFORNIA PLANT

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
CHANCELLOR & ODGEN	3031 EAST I STREET WILMINGTON, CALIF 90744	MC ICC- 1438361TA	1955-1972

FORM D: SUPPLEMENTAL HAULER INFORMATION

FIXED

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL
 Facility Name: TORRANCE CALIFORNIA PLANT
 Name of Hauling Firm/Contractor: CHANCELLOR & ODGEN
 Address: (no.) _____ (street) _____
 (city) _____ (state) _____ (zip code) _____

1. Year first used 1955 (10-11)
2. Year last used (enter "79" if still in use) 1972 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons 800 (22-28) (1)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): (1) SEE FOOTNOTE
 FILL IN EVERY BLOCK SPACE

FORM B

Acid solutions, with pH < 3.....	<u>2</u>	(37)
pickling liquor	<u>2</u>	(38)
metal plating waste	<u>2</u>	(39)
circuit etchings	<u>2</u>	(40)
inorganic acid manufacture	<u>2</u>	(41)
organic acid manufacture	<u>2</u>	(42)
Base solutions, with pH > 12	<u>2</u>	(43)
caustic soda manufacture	<u>2</u>	(44)
nylon and similar polymer generation	<u>2</u>	(45)
scrubber residual	<u>2</u>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<u>2</u>	(47)
arsenic, selenium, antimony	<u>2</u>	(48)
mercury	<u>2</u>	(49)
iron, manganese, magnesium	<u>2</u>	(50)
zinc, cadmium, copper, chromium (trivalent)	<u>2</u>	(51)
chromium (hexavalent)	<u>2</u>	(52)
lead	<u>2</u>	(53)
Radioactive residues, > 50 pico curies/ gram	<u>2</u>	(54)
uranium residuals & residuals for UF ₆ recycling	<u>2</u>	(55)
lanthanide series elements and rare earth salts	<u>2</u>	(56)
phosphate slag	<u>2</u>	(57)
thorium	<u>2</u>	(58)
radium	<u>2</u>	(59)
other alpha, beta & gamma emitters	<u>2</u>	(60)
Organics.....	<u>1</u>	(61)
insecticides & intermediates	<u>2</u>	(62)
herbicides & intermediates	<u>2</u>	(63)
fungicides & intermediates	<u>2</u>	(64)
rodenticides & intermediates	<u>2</u>	(65)
halogenated aliphatics	<u>2</u>	(66)
halogenated aromatics	<u>2</u>	(67)
acrylates & latex emulsions	<u>2</u>	(68)
PCB/PBB's	<u>2</u>	(69)
amides, amines, imides	<u>2</u>	(70)
plastizers	<u>2</u>	(71)
resins	<u>2</u>	(72)
elastomers	<u>2</u>	(73)
solvents polar (except water)	<u>2</u>	(74)
carbon tetrachloride	<u>2</u>	(75)
trichloroethylene	<u>2</u>	(76)
other solvents nonpolar	<u>2</u>	(77)
solvents halogenated aliphatic.....	<u>2</u>	(78)
solvents halogenated aromatic	<u>2</u>	(79)
oils and oil sludges	<u>2</u>	(10)
esters and ethers	<u>2</u>	(11)
alcohols	<u>2</u>	(12)
ketones & aldehydes	<u>2</u>	(13)
dioxins	<u>2</u>	(14)
Inorganics	<u>1</u>	(15)
salts	<u>2</u>	(16)
mercaptans	<u>2</u>	(17)
Misc.....	<u>1</u>	(18)
pharmaceutical wastes	<u>2</u>	(19)
paints & pigments	<u>2</u>	(20)
catalysts (eg. vanadium, platinum, palladium)	<u>2</u>	(21)
asbestos	<u>2</u>	(22)
shock sensitive wastes (eg. nitrated toluenes)	<u>2</u>	(23)
air water reactive wastes (eg. P ₄ , aluminum chloride)	<u>2</u>	(24)
wastes with flash point below 100°C	<u>2</u>	(25)

1180

Company Name: SHELL OIL COMPANY
Division/Subsidiary SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

CARSON	CALIFORNIA	90749
City	State	Zip Code

Position: STAFF CHEMIST/PURCHASING REPRESENTATIVE

3. Estimate the total amounts of process wastes (excluding wastes sold for use) generated by this facility during 1978:
USE ONLY TONS IF POSSIBLE - right justify response

thousand gallons	_ _ _ _ _ _ _ _ _	(16-24)
hundred tons	_ _ _ _ _ _ _ _1	(25-32)
thousand cubic yards	_ _ _ _ _ _ _ _ _	(33-41)

4. Estimate (in whole percents) how these process wastes generated in 1978 were disposed of:

in landfill	<u>1</u> <u>9</u> <u>0</u>	(42-44)
in pit/pond/lagoon	<u>1</u> <u>1</u> <u>0</u>	(45-47)
in deep well	<u>1</u> <u>1</u> <u>0</u>	(48-50)
incinerated	<u>1</u> <u>1</u> <u>0</u>	(51-53)
reprocessed/recycled	<u>1</u> <u>1</u> <u>0</u>	(54-56)
evaporated	<u>1</u> <u>1</u> <u>0</u>	(57-59)
unknown	<u>1</u> <u>1</u> <u>0</u>	(60-62)
other (Specify	<u>1</u> <u>1</u> <u>0</u>	(63-65)

5. What is the total number of known sites (including disposal on the property where this facility is located as one site) that have been used for the disposal of process wastes from this facility since 1950?..... | | 5 | (66-68)

6. Have any of the process wastes generated at this facility been hauled (removed) from this facility for disposal? (Yes=1; no=2) 11 (69)

7. Do you know the disposal site locations of all of the process waste hauled from your facility since 1950? (Yes=1; no=2) |2| (70)

8. Specify the earliest year represented by information from company
or facility records supplied on this and other forms1971 (71-72)

9. Specify the earliest year represented by information from employee
knowledge supplied on this and other forms19510 (73-74)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL COMPANY
 Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
 Name of Site: LOS ANGELES COUNTY SANITARY LANDFILL #1
 Address of Site: PALOS VERDES PENINSULA 26301 S. CRENSHAW BLVD., ROLLING HILLS, CALIF.

no. street
LOS ANGELES COUNTY, CALIFORNIA
city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY
 Address: no. street

city state zip code

Current Owner (if different from above):
 Address: no. street

city state zip code

- Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
- Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 3 (11)
- Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
 IF CLOSED, specify year closed 19 (13-14)
- Year first used for process waste from this facility 1964 (15-16)
- Year last used for process waste from this facility (enter "79" if still in use) 1979 (17-18)
- Total amount of process waste from this facility disposed at site:
 USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
 Right justify response hundred tons 30 (27-33)
 thousand cubic yards (34-41)
- Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
 landfill, mono industrial waste 1 (42)
 landfill, mixed industrial waste 1 (43)
 landfill, drummed waste 1 (44)
 landfill, municipal refuse co-disposed ... 9 (45)
 pits/ponds/lagoons 9 (46)
 deep well injection 9 (47)
 land farming 9 (48)
 incineration 9 (49)
 treatment (eg. neutralizing)..... 9 (50)
 reprocessing/recycling 9 (51)
 other (specify) (52)
- Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

Company Name: SHELL OIL COMPANY

Division/Subsidiary: SHELL CHEMICAL COMPANY

Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: LOS ANGELES COUNTY SANITARY LANDFILL #1

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3.....	1	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	1	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, >50pico curies/gram	2	(27)
uranium residuals & residuals for UF ₆ recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics.....	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic.....	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	2	(54)
alcohols	1	(55)
ketones & aldehydes	1	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc.....	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	2	(67)
wastes with flash point below 100° F.....	1	(68)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL COMPANY

Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Name of Site: LOS ANGELES SANITARY LANDFILL, CALABASAS

Address of Site: 26919 WEST VENTURA FREEWAY, AGOURA, CALIFORNIA
no. street

LOS ANGELES COUNTY, CALIFORNIA

city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY

Address: CALABASAS

no. street

LOS ANGELES COUNTY, CALIFORNIA

city state zip code

Current Owner (if different from above):

Address:

no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
IF CLOSED, specify year closed 19 (13-14)
4. Year first used for process waste from this facility 19 71 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons (27-33)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 1 (42)
landfill, mixed industrial waste 1 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... 9 (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify) (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

Company Name: SHELL OIL COMPANY

Division/Subsidiary SHELL CHEMICAL COMPANY

Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: LOS ANGELES COUNTY SANITARY LANDFILL, CALABASAS

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	1	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH > 12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	1	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, > 50 pico curies/gram	2	(27)
uranium residuals & residuals for UF ₆ recycling	2	(28)
lanthanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics.....	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic.....	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	2	(54)
alcohols	1	(55)
ketones & aldehydes	2	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc.....	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	2	(67)
wastes with flash point below 100° F.....	1	(68)

FORM B: DISPOSAL SITE INFORMATION

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 (1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL COMPANYFacility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICALName of Site: CALIFORNIA SALVAGE COMPANYAddress of Site: 217 NORTH LAGOON STREET

no. street

SAN PEDRO, CALIFORNIA90744

city

state

zip code

Name of Owner (while used by facility): G.H. HUTCHISON & SONSAddress: 217 NORTH LAGOON STREET

no. street

SAN PEDRO, CALIFORNIA90744

city

state

zip code

Current Owner (if different from above):

Address:

no. street

city

state

zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership; 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 1 (12)
IF CLOSED, specify year closed 19 (13-14)
4. Year first used for process waste from this facility 19 (15-16)*
5. Year last used for process waste from this facility (enter "79" if still in use) 19 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons (27-33)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 9 (42)
landfill, mixed industrial waste 9 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... 9 (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify) DEEP SEA DISPOSAL 2 (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

*Before 1973.

Company Name: SHELL OIL COMPANY

Division/Subsidiary SHELL CHEMICAL COMPANY

Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: CALIFORNIA SALVAGE COMPANY

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

- | | | |
|--|---|------|
| Acid solutions, with pH<3..... | 1 | (10) |
| pickling liquor | 2 | (11) |
| metal plating waste | 2 | (12) |
| circuit etchings | 2 | (13) |
| inorganic acid manufacture | 2 | (14) |
| organic acid manufacture | 2 | (15) |
| Base solutions, with pH>12 | 2 | (16) |
| caustic soda manufacture | 2 | (17) |
| nylon and similar polymer generation | 2 | (18) |
| scrubber residual | 2 | (19) |
| Heavy metals & trace metals (bonded organically & inorganically) | 1 | (20) |
| arsenic, selenium, antimony | 2 | (21) |
| mercury | 2 | (22) |
| iron, manganese, magnesium | 1 | (23) |
| zinc, cadmium, copper, chromium (trivalent) | 2 | (24) |
| chromium (hexavalent) | 2 | (25) |
| lead | 2 | (26) |
| Radioactive residues, >50pico curies/gram | 2 | (27) |
| uranium residuals & residuals for UF ₆ recycling | 2 | (28) |
| lathanide series elements and rare earth salts | 2 | (29) |
| phosphate slag | 2 | (30) |
| thorium | 2 | (31) |
| radium | 2 | (32) |
| other alpha, beta & gamma emitters | 2 | (33) |
| Organics..... | 1 | (34) |
| insecticides & intermediates | 2 | (35) |
| herbicides & intermediates | 2 | (36) |
| fungicides & intermediates | 2 | (37) |
| rodenticides & intermediates | 2 | (38) |
| halogenated aliphatics | 2 | (39) |
| halogenated aromatics | 2 | (40) |
| acrylates & latex emulsions | 2 | (41) |
| PCB/PBB's | 2 | (42) |
| amides, amines, imides | 2 | (43) |
| plastizers | 2 | (44) |
| resins | 2 | (45) |
| elastomers | 2 | (46) |
| solvents polar (except water) | 2 | (47) |
| carbontetrachloride | 2 | (48) |
| trichloroethylene | 2 | (49) |
| other solvents nonpolar | 2 | (50) |
| solvents halogenated aliphatic..... | 2 | (51) |
| solvents halogenated aromatic | 2 | (52) |
| oils and oil sludges | 1 | (53) |
| esters and ethers | 2 | (54) |
| alcohols | 1 | (55) |
| ketones & aldehydes | 1 | (56) |
| dioxins | 2 | (57) |
| Inorganics | 2 | (58) |
| salts | 2 | (59) |
| mercaptans | 2 | (60) |
| Misc..... | 1 | (61) |
| pharmaceutical wastes | 2 | (62) |
| paints & pigments | 2 | (63) |
| catalysts (eg. vanadium, platinum, palladium) | 2 | (64) |
| asbestos | 2 | (65) |
| shock sensitive wastes (eg. nitrated toluenes) | 2 | (66) |
| air water reactive wastes (eg. P ₄ , aluminum chloride) | 2 | (67) |
| wastes with flash point below 100° F..... | 1 | (68) |

FORM B: DISPOSAL SITE INFORMATION

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 (1-8)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL COMPANYFacility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICALName of Site: BASIN BYPRODUCTS COMPANYAddress of Site: 3031 EAST I STREET

no. street

WILMINGTON, CALIFORNIA90744

city

state

zip code

Name of Owner (while used by facility): CHANCELLOR & OGDENAddress: 3031 EAST I STREET

no. street

WILMINGTON, CALIFORNIA90744

city

state

zip code

Current Owner (if different from above):

Address:

no. street

city

state

zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 1 (12)
IF CLOSED, specify year closed 1969 (13-14)
4. Year first used for process waste from this facility 19610 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 1969 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons

--	--	--	--	--	--	--	--	--	--

 (19-26)
Right justify response hundred tons

									10
--	--	--	--	--	--	--	--	--	----

 (27-33)
thousand cubic yards

--	--	--	--	--	--	--	--	--	--

 (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 9 (42)
landfill, mixed industrial waste 9 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... 9 (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify)

--	--	--	--	--	--	--	--	--	--

 (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL COMP/Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICALName of Site: BKK COMPANYAddress of Site: 2210 AZUSA AVENUE
no. streetWEST COVINA, CALIFORNIA 91722
city state zip codeName of Owner (while used by facility): CHANCELLOR & OGDENAddress: 3031 EAST I STREET

no. street

WILMINGTON, CALIFORNIA 90744
city state zip code

Current Owner (if different from above): _____

Address: _____

no. street

city state zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership; 9=don't know) 2 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
IF CLOSED, specify year closed 19 (13-14)
4. Year first used for process waste from this facility 1969 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 1979 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons

--	--	--	--	--	--	--	--	--	--

 (19-26)
Right justify response hundred tons

									<u>12</u>
--	--	--	--	--	--	--	--	--	-----------

 (27-33)
thousand cubic yards

--	--	--	--	--	--	--	--	--	--

 (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 2 (42)
landfill, mixed industrial waste 2 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... 9 (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify) (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

Company Name: SHELL OIL COMPANY
Division/Subsidiary: SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
BKK COMPANY
Site Name: AZUSA/COVINA, CALIFORNIA

9. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3.....	1	(10)
pickling liquor	2	(11)
metal plating waste	2	(12)
circuit etchings	2	(13)
inorganic acid manufacture	2	(14)
organic acid manufacture	2	(15)
Base solutions, with pH>12	2	(16)
caustic soda manufacture	2	(17)
nylon and similar polymer generation	2	(18)
scrubber residual	2	(19)
Heavy metals & trace metals (bonded organically & inorganically)	1	(20)
arsenic, selenium, antimony	2	(21)
mercury	2	(22)
iron, manganese, magnesium	1	(23)
zinc, cadmium, copper, chromium (trivalent)	2	(24)
chromium (hexavalent)	2	(25)
lead	2	(26)
Radioactive residues, >50pico curies/gram	2	(27)
uranium residuals & residuals for UF ₆ recycling	2	(28)
lathanide series elements and rare earth salts	2	(29)
phosphate slag	2	(30)
thorium	2	(31)
radium	2	(32)
other alpha, beta & gamma emitters	2	(33)
Organics.....	1	(34)
insecticides & intermediates	2	(35)
herbicides & intermediates	2	(36)
fungicides & intermediates	2	(37)
rodenticides & intermediates	2	(38)
halogenated aliphatics	2	(39)
halogenated aromatics	2	(40)
acrylates & latex emulsions	2	(41)
PCB/PBB's	2	(42)
amides, amines, imides	2	(43)
plastizers	2	(44)
resins	2	(45)
elastomers	2	(46)
solvents polar (except water)	2	(47)
carbontetrachloride	2	(48)
trichloroethylene	2	(49)
other solvents nonpolar	2	(50)
solvents halogenated aliphatic.....	2	(51)
solvents halogenated aromatic	2	(52)
oils and oil sludges	1	(53)
esters and ethers	2	(54)
alcohols	1	(55)
ketones & aldehydes	1	(56)
dioxins	2	(57)
Inorganics	2	(58)
salts	2	(59)
mercaptans	2	(60)
Misc.....	1	(61)
pharmaceutical wastes	2	(62)
paints & pigments	2	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	2	(65)
shock sensitive wastes (eg. nitrated toluenes)	2	(66)
air water reactive wastes (eg. P ₄ , aluminum chloride)	2	(67)
wastes with flash point below 100° F.....	1	(68)

FORM C: HAULER INFORMATION

(1-5)
(DO NOT USE)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY
 Division/Subsidiary SHELL CHEMICAL COMPANY
 Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
INDUSTRIAL TRANSPORTATION SERVICES	217 N. LAGOON AVE. WILMINGTON, CA 90744	CPVC T115960	1977-78
CHANCELLOR & OGDEN	3031 E. I STREET WILMINGTON, CA 90744	MC 1CC 143836-ITA	1978 PERHAPS BEFORE 1973
CROSBY & OVERTON	1620 W. 16TH STREET LONG BEACH, CA 90813	CPVC T90678	1976-78
W.H. HUTCHISON & SONS INC.	217 N. LAGOON AVE. WILMINGTON, CA 90744	CPVC T115960	1973-76 PERHAPS BEFORE 1973
WESTERN REFUSE	P.O. BOX 214 GARDENA, CA 90247 401 SAN FRANCISCO	ICC 95-1946054	1976
ROUTH TRANSPORTATION	800 W. 15TH STREET LONG BEACH, CA 90813	CPVC T35347	PERHAPS BEFORE 1973
J.C. CARRASCO	1737 DENNI WILMINGTON, CA 90744	UNKNOWN	PERHAPS BEFORE 1973
FIX & BRAIN	233 E. D STREET WILMINGTON, CA 90744	T54105	PERHAPS BEFORE 1973
HARBOR VACUUM TRUCK SERVICE	UNKNOWN	UNKNOWN	BEFORE 1973
CAPRI VACUUM TRUCK SERVICE	UNKNOWN	UNKNOWN	BEFORE 1973

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

1 1 1 1 1 1 1 1 1 1 (1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL CO.
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
Name of Hauling Firm/Contractor: FIX & BRAIN
Address: (no.) 233 E (street) D STREET
(city) WILMINGTON (state) CA (zip code) 90744

1. Year first used BEFORE 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 1 (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	1	(37)
pickling liquor	2	(38)
metal plating waste	2	(39)
circuit etchings	2	(40)
inorganic acid manufacture	2	(41)
organic acid manufacture	2	(42)
Base solutions, with pH > 12	1	(43)
caustic soda manufacture	2	(44)
nylon and similar polymer generation	2	(45)
scrubber residual	2	(46)
Heavy metals & trace metals (bonded organically & inorganically)	1	(47)
arsenic, selenium, antimony	2	(48)
mercury	2	(49)
iron, manganese, magnesium	1	(50)
zinc, cadmium, copper, chromium (trivalent)	2	(51)
chromium (hexavalent)	2	(52)
lead	2	(53)
Radioactive residues, > 50 pico curies/ gram	2	(54)
uranium residuals & residuals for UF ₆ recycling	2	(55)
lanthanide series elements and rare earth salts	2	(56)
phosphate slag	2	(57)
thorium	2	(58)
radium	2	(59)
other alpha, beta & gamma emitters	2	(60)
Organics.....	1	(61)
insecticides & intermediates	2	(62)
herbicides & intermediates	2	(63)
fungicides & intermediates	2	(64)
rodenticides & intermediates	2	(65)
halogenated aliphatics	2	(66)
halogenated aromatics	2	(67)
acrylates & latex emulsions	2	(68)
PCB/PBB's	2	(69)
amides, amines, imides	2	(70)
plasticizers	2	(71)
resins	2	(72)
elastomers	2	(73)
solvents polar (except water)	1	(74)
carbontetrachloride	2	(75)
trichloroethylene	2	(76)
other solvents nonpolar	2	(77)
solvents halogenated aliphatic.....	2	(78)
solvents halogenated aromatic	2	(79)
oils and oil sludges	1	(80)
esters and ethers	2	(81)
alcohols	1	(82)
ketones & aldehydes	1	(83)
dioxins	2	(84)
Inorganics	2	(85)
salts	2	(86)
mercaptans	2	(87)
Misc.....	1	(88)
pharmaceutical wastes	2	(89)
paints & pigments	2	(90)
catalysts (eg. vanadium, platinum, palladium)	2	(91)
asbestos	2	(92)
shock sensitive wastes (eg. nitrated toluenes)	2	(93)
air water reactive wastes (eg. P ₄ , aluminum chloride)	2	(94)
wastes with flash point below 100° F.....	1	(95)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX -CHEMICAL
Name of Hauling Firm/Contractor: J.C. CARRASCO COMPANY
Address: (no.) 1737 E (street) DENNI
(city) WILMINGTON (state) CA (zip code) 90744

1. Year first used BEFORE 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
- USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
- Right justify response hundred tons 1 (22-28)
- thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
- FILL IN EVERY BLOCK SPACE

- | | | |
|--|---|------|
| Acid solutions, with pH < 3..... | 1 | (37) |
| pickling liquor | 2 | (38) |
| metal plating waste | 2 | (39) |
| circuit etchings | 2 | (40) |
| inorganic acid manufacture | 2 | (41) |
| organic acid manufacture | 2 | (42) |
| Base solutions, with pH > 12 | 1 | (43) |
| caustic soda manufacture | 2 | (44) |
| nylon and similar polymer generation | 2 | (45) |
| scrubber residual | 2 | (46) |
| Heavy metals & trace metals (bonded organically & inorganically) | 1 | (47) |
| arsenic, selenium, antimony | 2 | (48) |
| mercury | 2 | (49) |
| iron, manganese, magnesium | 1 | (50) |
| zinc, cadmium, copper, chromium (trivalent) | 2 | (51) |
| chromium (hexavalent) | 2 | (52) |
| lead | 2 | (53) |
| Radioactive residues, >50pico curies/ gram | 2 | (54) |
| uranium residuals & residuals for UF ₆ recycling | 2 | (55) |
| lathanide series elements and rare earth salts | 2 | (56) |
| phosphate slag | 2 | (57) |
| thorium | 2 | (58) |
| radium | 2 | (59) |
| other alpha, beta & gamma emitters | 2 | (60) |
| Organics..... | 1 | (61) |
| insecticides & intermediates | 2 | (62) |
| herbicides & intermediates | 2 | (63) |
| fungicides & intermediates | 2 | (64) |
| rodenticides & intermediates | 2 | (65) |
| halogenated aliphatics | 2 | (66) |
| halogenated aromatics | 2 | (67) |
| acrylates & latex emulsions | 2 | (68) |
| PCB/PBB's | 2 | (69) |
| amides, amines, imides | 2 | (70) |
| plastizers | 2 | (71) |
| resins | 2 | (72) |
| elastomers | 2 | (73) |
| solvents polar (except water) | 1 | (74) |
| carbontetrachloride | 2 | (75) |
| trichloroethylene | 2 | (76) |
| other solvents nonpolar | 2 | (77) |
| solvents halogenated aliphatic | 2 | (78) |
| solvents halogenated aromatic | 2 | (79) |
| oils and oil sludges | 1 | (80) |
| esters and ethers | 2 | (11) |
| alcohols | 1 | (12) |
| ketones & aldehydes | 1 | (13) |
| dioxins | 2 | (14) |
| Inorganics | 2 | (15) |
| salts | 2 | (16) |
| mercaptans | 2 | (17) |
| Misc..... | 1 | (18) |
| pharmaceutical wastes | 2 | (19) |
| paints & pigments | 2 | (20) |
| catalysts (eg. vanadium, platinum, palladium) | 2 | (21) |
| asbestos | 2 | (22) |
| shock sensitive wastes (eg. nitrated toluenes) | 2 | (23) |
| air water reactive wastes (eg. P ₄ , aluminum chloride) | 2 | (24) |
| wastes with flash point below 100° F..... | 1 | (25) |

(DO NOT USE) (1-8)

1. Year first used BEFORE 1973 1950 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 1973 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons 1 (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed
at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

- | | | |
|--|---|------|
| Acid solutions, with pH < 3..... | 1 | (37) |
| pickling liquor | 2 | (38) |
| metal plating waste | 2 | (39) |
| circuit etchings | 2 | (40) |
| inorganic acid manufacture | 2 | (41) |
| organic acid manufacture | 2 | (42) |
| Base solutions, with pH > 12 | 1 | (43) |
| caustic soda manufacture | 2 | (44) |
| nylon and similar polymer generation | 2 | (45) |
| scrubber residual | 2 | (46) |
| Heavy metals & trace metals (bonded organically & inorganically) | 1 | (47) |
| arsenic, selenium, antimony | 2 | (48) |
| mercury | 2 | (49) |
| iron, manganese, magnesium | 1 | (50) |
| zinc, cadmium, copper, chromium (trivalent) | 2 | (51) |
| chromium (hexavalent) | 2 | (52) |
| lead | 2 | (53) |
| Radioactive residues, > 50 pico curies/ gram | 2 | (54) |
| uranium residuals & residuals for UF ₆ recycling | 2 | (55) |
| lanthanide series elements and rare earth salts | 2 | (56) |
| phosphate slag | 2 | (57) |
| thorium | 2 | (58) |
| radium | 2 | (59) |
| other alpha, beta & gamma emitters | 2 | (60) |
| Organics..... | 1 | (61) |
| insecticides & intermediates | 2 | (62) |
| herbicides & intermediates | 2 | (63) |
| fungicides & intermediates | 2 | (64) |
| rodenticides & intermediates | 2 | (65) |
| halogenated aliphatics | 2 | (66) |
| halogenated aromatics | 2 | (67) |
| acrylates & latex emulsions | 2 | (68) |
| PCB/PBB's | 2 | (69) |
| amides, amines, imides | 2 | (70) |
| plastizers | 2 | (71) |
| resins | 2 | (72) |
| elastomers | 2 | (73) |
| solvents polar (except water) | 1 | (74) |
| carbontetrachloride | 2 | (75) |
| trichloroethylene | 2 | (76) |
| other solvents nonpolar | 2 | (77) |
| solvents halogenated aliphatic..... | 2 | (78) |
| solvents halogenated aromatic | 2 | (79) |
| oils and oil sludges | 1 | (80) |
| esters and ethers | 2 | (11) |
| alcohols | 1 | (12) |
| ketones & aldehydes | 1 | (13) |
| dioxins | 2 | (14) |
| Inorganics | 2 | (15) |
| salts | 2 | (16) |
| mercaptans | 2 | (17) |
| Misc..... | 1 | (18) |
| pharmaceutical wastes | 2 | (19) |
| paints & pigments | 2 | (20) |
| catalysts (eg. vanadium, platinum, palladium) | 2 | (21) |
| asbestos | 2 | (22) |
| shock sensitive wastes (eg. nitrated toluenes) | 2 | (23) |
| air water reactive wastes (eg. P ₂ , aluminum chloride) | 2 | (24) |
| wastes with flash point below 100° F..... | 1 | (25) |

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

1 1 1 1 1 1 1 1 (1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL CO
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
Name of Hauling Firm/Contractor: WESTERN REFUSE
Address: (no.) 401 (street) SAN FRANCISCO
(city) GARDENA (state) CA (zip code) 90247

1. Year first used 19 7 6 (10-11)
2. Year last used (enter "79" if still in use) 19 7 6 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 1 (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed
at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3 2 (37)
pickling liquor 2 (38)
metal plating waste 2 (39)
circuit etchings 2 (40)
inorganic acid manufacture 2 (41)
organic acid manufacture 2 (42)
Base solutions, with pH > 12 1 (43)
caustic soda manufacture 2 (44)
nylon and similar polymer generation 2 (45)
scrubber residual 2 (46)
Heavy metals & trace metals (bonded organically & inorganically) 2 (47)
arsenic, selenium, antimony 2 (48)
mercury 2 (49)
iron, manganese, magnesium 2 (50)
zinc, cadmium, copper, chromium (trivalent) 2 (51)
chromium (hexavalent) 2 (52)
lead 2 (53)
Radioactive residues, > 50 pico curies/gram 2 (54)
uranium residuals & residuals for UF₆ recycling 2 (55)
lathanide series elements and rare earth salts 2 (56)
phosphate slag 2 (57)
thorium 2 (58)
radium 2 (59)
other alpha, beta & gamma emitters 2 (60)
Organics 2 (61)
insecticides & intermediates 2 (62)
herbicides & intermediates 2 (63)
fungicides & intermediates 2 (64)
rodenticides & intermediates 2 (65)
halogenated aliphatics 2 (66)
halogenated aromatics 2 (67)
acrylates & latex emulsions 2 (68)
PCB/PBB's 2 (69)
amides, amines, imides 2 (70)
plastizers 2 (71)
resins 2 (72)
elastomers 2 (73)
solvents polar (except water) 2 (74)
carbontetrachloride 2 (75)
trichloroethylene 2 (76)
other solvents nonpolar 2 (77)
solvents halogenated aliphatic 2 (78)
solvents halogenated aromatic 2 (79) 1 (80)
oils and oil sludges 2 (10)
esters and ethers 2 (11)
alcohols 2 (12)
ketones & aldehydes 2 (13)
dioxins 2 (14)
Inorganics 2 (15)
salts 2 (16)
mercaptans 2 (17)
Misc. 2 (18)
pharmaceutical wastes 2 (19)
paints & pigments 2 (20)
catalysts (eg. vanadium, platinum, palladium) 2 (21)
asbestos 2 (22)
shock sensitive wastes (eg. nitrated toluenes) 2 (23)
air water reactive wastes (eg. P₄, aluminum chloride) 2 (24)
wastes with flash point below 100° F. 2 (25) 2 (80)

1 1 1 1 1 1 (1-8)
(DO NOT USE)

1. Year first used 1977 (10-11)
 2. Year last used (enter "79" if still in use) 1979 (12-13)
 3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons 1 (22-28)
 thousand cubic yards (29-36)
 4. Components (or characteristics) of process waste from this facility disposed
 at site: (1=present in waste; 2=not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE

- | | | |
|--|---|------|
| Acid solutions, with pH<3..... | 2 | (37) |
| pickling liquor | 2 | (38) |
| metal plating waste | 2 | (39) |
| circuit etchings | 2 | (40) |
| inorganic acid manufacture | 2 | (41) |
| organic acid manufacture | 2 | (42) |
| Base solutions, with pH>12 | 2 | (43) |
| caustic soda manufacture | 2 | (44) |
| nylon and similar polymer generation | 2 | (45) |
| scrubber residual | 2 | (46) |
| Heavy metals & trace metals (bonded organically & inorganically) | 1 | (47) |
| arsenic, selenium, antimony | 2 | (48) |
| mercury | 2 | (49) |
| iron, manganese, magnesium | 1 | (50) |
| zinc, cadmium, copper, chromium (trivalent) | 2 | (51) |
| chromium (hexavalent) | 2 | (52) |
| lead | 2 | (53) |
| Radioactive residues, >50pico curies/ gram | 2 | (54) |
| uranium residuals & residuals for UF ₆ recycling | 2 | (55) |
| lathanide series elements and rare earth salts | 2 | (56) |
| phosphate slag | 2 | (57) |
| thorium | 2 | (58) |
| radium | 2 | (59) |
| other alpha, beta & gamma emitters | 2 | (60) |
| Organics..... | 1 | (61) |
| insecticides & intermediates | 2 | (62) |
| herbicides & intermediates | 2 | (63) |
| fungicides & intermediates | 2 | (64) |
| rodenticides & intermediates | 2 | (65) |
| halogenated aliphatics | 2 | (66) |
| halogenated aromatics | 2 | (67) |
| acrylates & latex emulsions | 2 | (68) |
| PCB/PBB's | 2 | (69) |
| amides, amines, imides | 2 | (70) |
| plastizers | 2 | (71) |
| resins | 2 | (72) |
| elastomers | 2 | (73) |
| solvents polar (except water) | 2 | (74) |
| carbontetrachloride | 2 | (75) |
| trichloroethylene | 2 | (76) |
| other solvents nonpolar | 2 | (77) |
| solvents halogenated aliphatic..... | 2 | (78) |
| solvents halogenated aromatic | 2 | (79) |
| oils and oil sludges | 1 | (80) |
| esters and ethers | 2 | (11) |
| alcohols | 1 | (12) |
| ketones & aldehydes | 1 | (13) |
| dioxins | 2 | (14) |
| Inorganics | 2 | (15) |
| salts | 2 | (16) |
| mercaptans | 2 | (17) |
| Misc..... | 1 | (18) |
| pharmaceutical wastes | 2 | (19) |
| paints & pigments | 2 | (20) |
| catalysts (eg. vanadium, platinum, palladium) | 2 | (21) |
| asbestos | 2 | (22) |
| shock sensitive wastes (eg. nitrated toluenes) | 2 | (23) |
| air water reactive wastes (eg. P ₄ , aluminum chloride) | 2 | (24) |
| wastes with flash point below 100° F..... | 1 | (25) |

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL CO.
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
Name of Hauling Firm/Contractor: CHANCELLOR & OGDEN
Address: (no.) 3031 (street) EAST I STREET
(city) WILMINGTON, (state) CA (zip code) 90744

1. Year first used PRIOR TO 1973 19 5 0 (10-11)
2. Year last used (enter "79" if still in use) PRIOR TO 1973 19 7 3 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 2 (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	<u>1</u>	(37)
pickling liquor	<u>2</u>	(38)
metal plating waste	<u>2</u>	(39)
circuit etchings	<u>2</u>	(40)
inorganic acid manufacture	<u>2</u>	(41)
organic acid manufacture	<u>2</u>	(42)
Base solutions, with pH > 12	<u>1</u>	(43)
caustic soda manufacture	<u>2</u>	(44)
nylon and similar polymer generation	<u>2</u>	(45)
scrubber residual	<u>2</u>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<u>1</u>	(47)
arsenic, selenium, antimony	<u>2</u>	(48)
mercury	<u>2</u>	(49)
iron, manganese, magnesium	<u>1</u>	(50)
zinc, cadmium, copper, chromium (trivalent)	<u>2</u>	(51)
chromium (hexavalent)	<u>2</u>	(52)
lead	<u>2</u>	(53)
Radioactive residues, > 50 pico curies/ gram	<u>2</u>	(54)
uranium residuals & residuals for UF ₆ recycling	<u>2</u>	(55)
lanthanide series elements and rare earth salts	<u>2</u>	(56)
phosphate slag	<u>2</u>	(57)
thorium	<u>2</u>	(58)
radium	<u>2</u>	(59)
other alpha, beta & gamma emitters	<u>2</u>	(60)
Organics.....	<u>1</u>	(61)
insecticides & intermediates	<u>2</u>	(62)
herbicides & intermediates	<u>2</u>	(63)
fungicides & intermediates	<u>2</u>	(64)
rodenticides & intermediates	<u>2</u>	(65)
halogenated aliphatics	<u>2</u>	(66)
halogenated aromatics	<u>2</u>	(67)
acrylates & latex emulsions	<u>2</u>	(68)
PCB/PBB's	<u>2</u>	(69)
amides, amines, imides	<u>2</u>	(70)
plastizers	<u>2</u>	(71)
resins	<u>2</u>	(72)
elastomers	<u>2</u>	(73)
solvents polar (except water)	<u>1</u>	(74)
carbontetrachloride	<u>2</u>	(75)
trichloroethylene	<u>2</u>	(76)
other solvents nonpolar	<u>2</u>	(77)
solvents halogenated aliphatic.....	<u>2</u>	(78)
solvents halogenated aromatic	<u>2</u>	(79)
oils and oil sludges	<u>1</u>	(10)
esters and ethers	<u>2</u>	(11)
alcohols	<u>1</u>	(12)
ketones & aldehydes	<u>1</u>	(13)
dioxins	<u>2</u>	(14)
Inorganics	<u>2</u>	(15)
salts	<u>2</u>	(16)
mercaptans	<u>2</u>	(17)
Misc.....	<u>1</u>	(18)
pharmaceutical wastes	<u>2</u>	(19)
paints & pigments	<u>2</u>	(20)
catalysts (eg. vanadium, platinum, palladium)	<u>2</u>	(21)
asbestos	<u>2</u>	(22)
shock sensitive wastes (eg. nitrated toluenes)	<u>2</u>	(23)
air water reactive wastes (eg. P ₄ , aluminum chloride)	<u>2</u>	(24)
wastes with flash point below 100° F.....	<u>1</u>	(25)

1 K802 K80

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

1 1 1 1 1 1 1 1 1 1 (1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL CO.
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
Name of Hauling Firm/Contractor: CROSBY & OVERTON
Address: (no.) 1620 W. (street) 16TH STREET
(city) LONG BEACH (state) CA (zip code) 90813

1. Year first used 19 7 6 (10-11)
2. Year last used (enter "79" if still in use) 19 7 9 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 3 (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	<u>1</u>	(37)
pickling liquor	<u>2</u>	(38)
metal plating waste	<u>2</u>	(39)
circuit etchings	<u>2</u>	(40)
inorganic acid manufacture	<u>2</u>	(41)
organic acid manufacture	<u>2</u>	(42)
Base solutions, with pH > 12	<u>1</u>	(43)
caustic soda manufacture	<u>2</u>	(44)
nylon and similar polymer generation	<u>2</u>	(45)
scrubber residual	<u>2</u>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<u>1</u>	(47)
arsenic, selenium, antimony	<u>2</u>	(48)
mercury	<u>2</u>	(49)
iron, manganese, magnesium	<u>1</u>	(50)
zinc, cadmium, copper, chromium (trivalent)	<u>2</u>	(51)
chromium (hexavalent)	<u>2</u>	(52)
lead	<u>2</u>	(53)
Radioactive residues, > 50 pico curies/ gram	<u>2</u>	(54)
uranium residuals & residuals for UF ₆ recycling	<u>2</u>	(55)
lanthanide series elements and rare earth salts	<u>2</u>	(56)
phosphate slag	<u>2</u>	(57)
thorium	<u>2</u>	(58)
radium	<u>2</u>	(59)
other alpha, beta & gamma emitters	<u>2</u>	(60)
Organics.....	<u>1</u>	(61)
insecticides & intermediates	<u>2</u>	(62)
herbicides & intermediates	<u>2</u>	(63)
fungicides & intermediates	<u>2</u>	(64)
rodenticides & intermediates	<u>2</u>	(65)
halogenated aliphatics	<u>2</u>	(66)
halogenated aromatics	<u>2</u>	(67)
acrylates & latex emulsions	<u>2</u>	(68)
PCB/PBB's	<u>2</u>	(69)
amides, amines, imides	<u>2</u>	(70)
plastizers	<u>2</u>	(71)
resins	<u>2</u>	(72)
elastomers	<u>2</u>	(73)
solvents polar (except water)	<u>1</u>	(74)
carbontetrachloride	<u>2</u>	(75)
trichloroethylene	<u>2</u>	(76)
other solvents nonpolar	<u>2</u>	(77)
solvents halogenated aliphatic.....	<u>2</u>	(78)
solvents halogenated aromatic	<u>2</u>	(79)
oils and oil sludges	<u>1</u>	(80)
esters and ethers	<u>2</u>	(11)
alcohols	<u>1</u>	(12)
ketones & aldehydes	<u>1</u>	(13)
dioxins	<u>2</u>	(14)
Inorganics	<u>2</u>	(15)
salts	<u>2</u>	(16)
mercaptans	<u>2</u>	(17)
Misc.....	<u>1</u>	(18)
pharmaceutical wastes	<u>2</u>	(19)
paints & pigments	<u>2</u>	(20)
catalysts (eg. vanadium, platinum, palladium)	<u>2</u>	(21)
asbestos	<u>2</u>	(22)
shock sensitive wastes (eg. nitrated toluenes)	<u>2</u>	(23)
air water reactive wastes (eg. P ₄ , aluminum chloride)	<u>2</u>	(24)
wastes with flash point below 100° F.....	<u>1</u>	(25)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL CO
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
Name of Hauling Firm/Contractor: W.H. HUTCHISON & SONS INC.
Address: (no.) 217 N. (street) LAGOON AVE.
(city) WILMINGTON, (state) CA (zip code) 90744

1. Year first used PERHAPS BEFORE 1973 TOO 1973 (10-11)
2. Year last used (enter "79" if still in use) 1976 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 110 (22-28)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3 1 (37)
pickling liquor 2 (38)
metal plating waste 2 (39)
circuit etchings 2 (40)
inorganic acid manufacture 2 (41)
organic acid manufacture 2 (42)
Base solutions, with pH > 12 1 (43)
caustic soda manufacture 2 (44)
nylon and similar polymer generation 2 (45)
scrubber residual 2 (46)
Heavy metals & trace metals (bonded organically & inorganically) 1 (47)
arsenic, selenium, antimony 2 (48)
mercury 2 (49)
iron, manganese, magnesium 1 (50)
zinc, cadmium, copper, chromium (trivalent) 2 (51)
chromium (hexavalent) 2 (52)
lead 2 (53)
Radioactive residues, > 50 pico curies/gram 2 (54)
uranium residuals & residuals for UF₆ recycling 2 (55)
lathanide series elements and rare earth salts 2 (56)
phosphate slag 2 (57)
thorium 2 (58)
radium 2 (59)
other alpha, beta & gamma emitters 2 (60)
Organics 1 (61)
insecticides & intermediates 2 (62)
herbicides & intermediates 2 (63)
fungicides & intermediates 2 (64)
rodenticides & intermediates 2 (65)
halogenated aliphatics 2 (66)
halogenated aromatics 2 (67)
acrylates & latex emulsions 2 (68)
PCB/PBB's 2 (69)
amides, amines, imides 2 (70)
plastizers 2 (71)
resins 2 (72)
elastomers 2 (73)
solvents polar (except water) 1 (74)
carbontetrachloride 2 (75)
trichloroethylene 2 (76)
other solvents nonpolar 2 (77)
solvents halogenated aliphatic 2 (78)
solvents halogenated aromatic 2 (79) 1 (80)
oils and oil sludges 1 (10)
esters and ethers 2 (11)
alcohols 1 (12)
ketones & aldehydes 1 (13)
dioxins 2 (14)
Inorganics 2 (15)
salts 2 (16)
mercaptans 2 (17)
Misc 1 (18)
pharmaceutical wastes 2 (19)
paints & pigments 2 (20)
catalysts (eg. vanadium, platinum, palladium) 2 (21)
asbestos 2 (22)
shock sensitive wastes (eg. nitrated toluenes) 2 (23)
air water reactive wastes (eg. P₄, aluminum chloride) 2 (24)
wastes with flash point below 100° F 1 (25) 2 (80)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL C
 Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
 Name of Hauling Firm/Contractor: HARBOR VACUUM TRUCK SERVICE
 Address: (no.) UNK (street) UNK
 (city) UNK (state) UNK (zip code) UNK

1. Year first used BEFORE 1973 19 5 0 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 19 7 3 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	<u>1</u>	(37)
pickling liquor	<u>2</u>	(38)
metal plating waste	<u>2</u>	(39)
circuit etchings	<u>2</u>	(40)
inorganic acid manufacture	<u>2</u>	(41)
organic acid manufacture	<u>2</u>	(42)
Base solutions, with pH > 12	<u>1</u>	(43)
caustic soda manufacture	<u>2</u>	(44)
nylon and similar polymer generation	<u>2</u>	(45)
scrubber residual	<u>2</u>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<u>1</u>	(47)
arsenic, selenium, antimony	<u>2</u>	(48)
mercury	<u>2</u>	(49)
iron, manganese, magnesium	<u>1</u>	(50)
zinc, cadmium, copper, chromium (trivalent)	<u>2</u>	(51)
chromium (hexavalent)	<u>2</u>	(52)
lead	<u>2</u>	(53)
Radioactive residues, > 50 pico curies/ gram	<u>2</u>	(54)
uranium residuals & residuals for UF ₆ recycling	<u>2</u>	(55)
lathanide series elements and rare earth salts	<u>2</u>	(56)
phosphate slag	<u>2</u>	(57)
thorium	<u>2</u>	(58)
radium	<u>2</u>	(59)
other alpha, beta & gamma emitters	<u>2</u>	(60)
Organics.....	<u>1</u>	(61)
insecticides & intermediates	<u>2</u>	(62)
herbicides & intermediates	<u>2</u>	(63)
fungicides & intermediates	<u>2</u>	(64)
rodenticides & intermediates	<u>2</u>	(65)
halogenated aliphatics	<u>2</u>	(66)
halogenated aromatics	<u>2</u>	(67)
acrylates & latex emulsions	<u>2</u>	(68)
PCB/PBB's	<u>2</u>	(69)
amides, amines, imides	<u>2</u>	(70)
plastizers	<u>2</u>	(71)
resins	<u>2</u>	(72)
elastomers	<u>2</u>	(73)
solvents polar (except water)	<u>1</u>	(74)
carbontetrachloride	<u>2</u>	(75)
trichloroethylene	<u>2</u>	(76)
other solvents nonpolar	<u>2</u>	(77)
solvents halogenated aliphatic.....	<u>2</u>	(78)
solvents halogenated aromatic	<u>2</u>	(79)
oils and oil sludges	<u>1</u>	(80)
esters and ethers	<u>2</u>	(11)
alcohols	<u>1</u>	(12)
ketones & aldehydes	<u>1</u>	(13)
dioxins	<u>2</u>	(14)
Inorganics	<u>2</u>	(15)
salts	<u>2</u>	(16)
mercaptans	<u>2</u>	(17)
Misc.....	<u>1</u>	(18)
pharmaceutical wastes	<u>2</u>	(19)
paints & pigments	<u>2</u>	(20)
catalysts (eg. vanadium, platinum, palladium)	<u>2</u>	(21)
asbestos	<u>2</u>	(22)
shock sensitive wastes (eg. nitrated toluenes)	<u>2</u>	(23)
air water react. wastes (eg. P ₄ , aluminum chloride)	<u>2</u>	(24)
wastes with fl. point below 100° F.....	<u>1</u>	(25)

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(DO NOT USE) (1-8)

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL CO.
 Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL
 Name of Hauling Firm/Contractor: CAPRI VACUUM TRUCK SERVICE
 Address: (no.) UNK (street) UNK
 (city) UNK (state) UNK (zip code) UNK

1. Year first used BEFORE 1973 19 5 0 (10-11)
2. Year last used (enter "79" if still in use) BEFORE 1973 19 7 3 (12-13)
3. Total amount of process waste hauled from this facility:
 USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
 Right justify response hundred tons 1 (22-28)
 thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know):
 FILL IN EVERY BLOCK SPACE

Acid solutions, with pH < 3.....	<u>1</u>	(37)
pickling liquor	<u>2</u>	(38)
metal plating waste	<u>2</u>	(39)
circuit etchings	<u>2</u>	(40)
inorganic acid manufacture	<u>2</u>	(41)
organic acid manufacture	<u>2</u>	(42)
Base solutions, with pH > 12	<u>1</u>	(43)
caustic soda manufacture	<u>2</u>	(44)
nylon and similar polymer generation	<u>2</u>	(45)
scrubber residual	<u>2</u>	(46)
Heavy metals & trace metals (bonded organically & inorganically)	<u>1</u>	(47)
arsenic, selenium, antimony	<u>2</u>	(48)
mercury	<u>2</u>	(49)
iron, manganese, magnesium	<u>1</u>	(50)
zinc, cadmium, copper, chromium (trivalent)	<u>2</u>	(51)
chromium (hexavalent)	<u>2</u>	(52)
lead	<u>2</u>	(53)
Radioactive residues, > 50 pico curies/ gram	<u>2</u>	(54)
uranium residuals & residuals for UF ₆ recycling	<u>2</u>	(55)
lanthanide series elements and rare earth salts	<u>2</u>	(56)
phosphate slag	<u>2</u>	(57)
thorium	<u>2</u>	(58)
radium	<u>2</u>	(59)
other alpha, beta & gamma emitters	<u>2</u>	(60)
Organics.....	<u>1</u>	(61)
insecticides & intermediates	<u>2</u>	(62)
herbicides & intermediates	<u>2</u>	(63)
fungicides & intermediates	<u>2</u>	(64)
rodenticides & intermediates	<u>2</u>	(65)
halogenated aliphatics	<u>2</u>	(66)
halogenated aromatics	<u>2</u>	(67)
acrylates & latex emulsions	<u>2</u>	(68)
PCB/PBB's	<u>2</u>	(69)
amides, amines, imides	<u>2</u>	(70)
plastizers	<u>2</u>	(71)
resins	<u>2</u>	(72)
elastomers	<u>1</u>	(73)
solvents polar (except water)	<u>2</u>	(74)
carbontetrachloride	<u>2</u>	(75)
trichloroethylene	<u>2</u>	(76)
other solvents nonpolar	<u>2</u>	(77)
solvents halogenated aliphatic.....	<u>2</u>	(78)
solvents halogenated aromatic	<u>1</u>	(79)
oils and oil sludges	<u>2</u>	(10)
esters and ethers	<u>2</u>	(11)
alcohols	<u>1</u>	(12)
ketones & aldehydes	<u>1</u>	(13)
dioxins	<u>2</u>	(14)
Inorganics	<u>2</u>	(15)
salts	<u>2</u>	(16)
mercaptans	<u>2</u>	(17)
Misc.....	<u>1</u>	(18)
pharmaceutical wastes	<u>2</u>	(19)
paints & pigments	<u>2</u>	(20)
catalysts (eg. vanadium, platinum, palladium)	<u>2</u>	(21)
asbestos	<u>2</u>	(22)
shock sensitive wastes (eg. nitrated toluenes)	<u>2</u>	(23)
air water reactive wastes (eg. P ₄ , aluminum chloride)	<u>2</u>	(24)
wastes with flash point below 100° F.....	<u>1</u>	(25)

1 (80)

1 (80)

1 1 1 1 1 (1-5)
(DO NOT USE)

- (2) INFORMATION FROM EMPLOYEES - NO RECORDS AVAILABLE.

FORM B: DISPOSAL SITE INFORMATION

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 (1-5)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICALFacility Name: TORRANCE PLANT (CLOSED 1972)Name of Site: SANITATION DISTRICT LANDFILL NO. 1 (PALOS VERDES)

Address of Site:

no. street

ROLLING HILLS, CALIFORNIA

city

state

zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY

Address:

no. street

city

state

zip code

Current Owner (if different from above):

Address:

no. street

city

state

zip code

1. Location (1= the property on which facility is located; 2= off-site)..... 2 (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) 3 (11)
3. Current status (1= closed; 2= still in use; 9=don't know) 2 (12)
IF CLOSED, specify year closed 19 (13-14)
4. Year first used for process waste from this facility 1951 (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons (19-26)
Right justify response hundred tons 00 (27-33) (1)
thousand cubic yards (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste 9 (42)
landfill, mixed industrial waste 9 (43)
landfill, drummed waste 9 (44)
landfill, municipal refuse co-disposed ... (45)
pits/ponds/lagoons 9 (46)
deep well injection 9 (47)
land farming 9 (48)
incineration 9 (49)
treatment (eg. neutralizing)..... 9 (50)
reprocessing/recycling 9 (51)
other (specify) (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) 3 (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

- (1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS 1 LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED, HOWEVER RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM B: DISPOSAL SITE INFORMATION

FINAL

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 (1-S)
(DO NOT USE)

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY Division/Subsidiary: SHELL CHEMICAL
Facility Name: TORRANCE CALIFORNIA PLANT
Name of Site: SANITATION DISTRICT LANDFILL NO. 5 (CALABASAS)
Address of Site:

no. street
AGOURA, CALIFORNIA
city state zip code

Name of Owner (while used by facility): LOS ANGELES COUNTY
Address:

no. street
city state zip code

Current Owner (if different from above):
Address:

no. street
city state zip code

1. Location (1= the property on which facility is located; 2= off-site)..... ☒ (10)
2. Ownership at time of use (1= company ownership; 2=private but not company ownership) 3=public ownership 9=don't know) ☒ (11)
3. Current status (1= closed; 2= still in use; 9=don't know) ☒ (12)
IF CLOSED, specify year closed 19 ☐ (13-14)
4. Year first used for process waste from this facility 19 ☐ (15-16)
5. Year last used for process waste from this facility (enter "79" if still in use) 19 ☒ (17-18)
6. Total amount of process waste from this facility disposed at site:
USE TONS ONLY IF POSSIBLE: thousand gallons ☐ (19-26)
Right justify response hundred tons ☐ 10 (27-33) (1)
thousand cubic yards ☐ (34-41)
7. Specify type(s) of disposal method(s) used at site and whether method is still in use (1=currently in use; 2=no longer in use; 3=never used; 9=don't know)
landfill, mono industrial waste ☒ (42)
landfill, mixed industrial waste ☒ (43)
landfill, drummed waste ☒ (44)
landfill, municipal refuse co-disposed ... ☒ (45)
pits/ponds/lagoons ☒ (46)
deep well injection ☒ (47)
land farming ☒ (48)
incineration ☒ (49)
treatment (eg. neutralizing)..... ☒ (50)
reprocessing/recycling ☒ (51)
other (specify) ☒ (52)
8. Users of this site (1=this facility; 2=this facility and other company facilities only; 3=this company and others; 9=don't know) ☒ (53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

- (1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS 1, LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED: HOWEVER, RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM C: HAULER INFORMATION

1 1 1 1 1

 (1-5)
 (DO NOT USE)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDIARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY
 Division/Subsidiary SHELL CHEMICAL COMPANY
 Facility Name: TORRANCE CALIFORNIA PLANT

<u>Name of Firm or Contractor</u>	<u>Address</u>	<u>ICC # (If Known)</u>	<u>Years Used</u>
CHANCELLOR & ODGEN	3031 EAST I STREET WILMINGTON, CALIF 90744	MC ICC- 1438361TA	1955-1972

FORM D: SUPPLEMENTAL HAULER INFORMATION

FINAL

COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION

(1-8)
(DO NOT USE)

Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL
Facility Name: TORRANCE CALIFORNIA PLANT
Name of Hauling Firm/Contractor: CHANCELLOR & ODGEN
Address: (no.) _____ (street) _____
(city) _____ (state) _____ (zip code) _____

1. Year first used 1955 (10-11)
2. Year last used (enter "79" if still in use) 1972 (12-13)
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons (14-21)
Right justify response hundred tons 800 (22-28) (1)
thousand cubic yards (29-36)
4. Components (or characteristics) of process waste from this facility disposed
at site: (1=present in waste; 2=not present in waste; 9=don't know): (1) SEE FOOTNOTE
FILL IN EVERY BLOCK SPACE

FORM B

- Acid solutions, with pH < 3 2 (37)
pickling liquor 2 (38)
metal plating waste 2 (39)
circuit etchings 2 (40)
inorganic acid manufacture 2 (41)
organic acid manufacture 2 (42)
Base solutions, with pH > 12 2 (43)
caustic soda manufacture 2 (44)
nylon and similar polymer generation 2 (45)
scrubber residual 2 (46)
Heavy metals & trace metals (bonded organically & inorganically) 2 (47)
arsenic, selenium, antimony 2 (48)
mercury 2 (49)
iron, manganese, magnesium 2 (50)
zinc, cadmium, copper, chromium (trivalent) 2 (51)
chromium (hexavalent) 2 (52)
lead 2 (53)
Radioactive residues, > 50 pico curies/gram 2 (54)
uranium residuals & residuals for UF₆ recycling 2 (55)
lathanide series elements and rare earth salts 2 (56)
phosphate slag 2 (57)
thorium 2 (58)
radium 2 (59)
other alpha, beta & gamma emitters 2 (60)
Organics 1 (61)
insecticides & intermediates 2 (62)
herbicides & intermediates 2 (63)
fungicides & intermediates 2 (64)
rodenticides & intermediates 2 (65)
halogenated aliphatics 2 (66)
halogenated aromatics 2 (67)
acrylates & latex emulsions 2 (68)
PCB/PBB's 2 (69)
amides, amines, imides 2 (70)
plastizers 2 (71)
resins 2 (72)
elastomers 2 (73)
solvents polar (except water) 2 (74)
carbontetrachloride 2 (75)
trichloroethylene 2 (76)
other solvents nonpolar 2 (77)
solvents halogenated aliphatic 2 (78)
solvents halogenated aromatic 2 (79) 1 (80)
oils and oil sludges 2 (10)
esters and ethers 2 (11)
alcohols 2 (12)
ketones & aldehydes 2 (13)
dioxins 2 (14)
Inorganics 1 (15)
salts 2 (16)
mercaptans 2 (17)
Misc 1 (18)
pharmaceutical wastes 2 (19)
paints & pigments 2 (20)
catalysts (eg. vanadium, platinum, palladium) 2 (21)
asbestos 2 (22)
shock sensitive wastes (eg. nitrated toluenes) 2 (23)
air water reactive wastes (eg. P₂, aluminum chloride) 2 (24)
wastes with flash point below 100° F 1 (25) 2 (26)

Approx. Composition
10% Sulfur
50% Styrene
40% Low Molecular weight
Polystyrene